

REGULATORY BULLETIN No. 282

ANNUAL REPORT ANALYSES OF OFFICIAL FERTILIZER SAMPLES

JULY 1999 – JUNE 2000



UNIVERSITY OF KENTUCKY
COLLEGE OF AGRICULTURE

AGRICULTURAL EXPERIMENT STATION
DIVISION OF REGULATORY SERVICES
LEXINGTON, KENTUCKY 40546-0275

DIVISION OF REGULATORY SERVICES
KENTUCKY AGRICULTURAL EXPERIMENT STATION

Wilbur W. Frye, Director (Retired)

Eli Miller, Director

D. L. Terry, Assistant Director and
Coordinator, Fertilizer Program

Henry Spencer, Auditor

INSPECTION STAFF

Fred Herald
Coordinator, Field Inspection Staff

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Brad Johnston

Noel Johnston
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Donald Penn

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Steve McMurry
David L. Troutman

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David Harover
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Robert Miller
Kirk Ranta

Debra Sipe
Alan P. Thio
David Tompkins
Zhe Wang

DATA PROCESSING

Tony Bengé, Computer Systems Manager III
Kelley Gaither, Senior Systems Analyst Programmer
Sue Stone, Data Coordinator

This report was compiled and prepared by D. L. Terry with the assistance of the Inspection, Laboratory, and Data Processing Staffs.

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INTRODUCTION

This bulletin presents the results of official samples of commercial fertilizer taken during the period of July 1, 1999 through June 30, 2000 by the field inspection staff. The samples represented approximately 65,400 tons of fertilizer out of the approximately 950,000 tons sold during this period. The Laboratory made 3,086 nitrogen, 2,772 phosphorus, 2,858 potassium and 1,482 chloride, secondary and minor element and certain other analyses on these samples. The results of N, P₂O₅, K₂O, and maximum chloride analyses of samples of mixed fertilizers and fertilizer materials and certain statistical analyses are in Table 1. Table 2 contains the results of secondary and minor element and certain other analyses and Table 3 is a listing of fertilizer registrants for Kentucky as of June 30, 2000.

EXPLANATION OF TABLES

Table 1.

Sample Data—

Every official fertilizer sample taken during the year is listed in this table alphabetically by registrant and by "GRADE" within a registrant's listing.

GRADE: The registrant's whole number guarantee is expressed as the grade: N - P₂O₅ - K₂O. For custom mixes with fractional guarantees this represents the whole number part of the guarantee.

NUM: A Laboratory number (NUM) is assigned each sample and is the only code used by the laboratory to identify a sample.

+ : A (+) beside a NUM indicates that the sample was analyzed for a secondary or minor element and the results are in Table 2

N, P₂O₅, K₂O: These are the results of the chemical analyses of each sample for total Nitrogen(N), available phosphate (P₂O₅) and soluble potash (K₂O).

XS CL: Each sample with a maximum chlorine guarantee was analyzed for chloride. If it exceeded the guarantee (XS CL), an asterisk (*) appears in this column.

RV: The relative value (RV) of a NPK fertilizer is a comparison of its “found” value with its “guaranteed” value. An example calculation follows: A 6-24-24 fertilizer is guaranteed to contain 6% N, 24% P₂O₅, and 24% K₂O. A “Guaranteed Value” and a “Found Value” are computed for the fertilizer by using the following example commercial values: N - \$4.00, P₂O₅ - \$3.80, and K₂O (Non-Tobacco) - \$1.60. The “Guaranteed Value” is calculated as follows:

<u>Element</u>	<u>Guaranteed ,%</u>		<u>Unit Value</u>		<u>Value</u>
N	6.0	X	4.00	=	24.00
P ₂ O ₅	24.0	X	3.80	=	91.20
K ₂ O	24.0	X	1.60	=	38.40
Total “Guaranteed Value”					153.60

The same procedure is followed for the “Found Value,” thus

<u>Element</u>	<u>Found, %</u>		<u>Unit Value</u>		<u>Value</u>
N	5.9	X	4.00	=	23.60
P ₂ O ₅	24.1	X	3.80	=	91.58
K ₂ O	23.9	X	1.60	=	38.24
Total “Found Value”					153.42

The relative value (RV) is then computed by dividing the “Found Value” by the “Guaranteed Value” and multiplying by 100.

$$RV = 153.42/153.6) \times 100 = 99.9\%$$

The RV is rounded to the nearest whole percent before being printed in the bulletin.

* : Those results marked with an asterisk (*) are deficient under the criteria stated in the investigational allowances section of this bulletin. Occasionally an analysis may be found that appears to be inconsistent in its marking. For example, two samples that are guaranteed 10% P₂O₅ may both be shown as containing 9.1%. One of these may have an asterisk (*) and the other may not. There are two situations which may cause this apparent discrepancy:

- (1) The investigational allowances are applied by computer to the laboratory analyses before the found analyses are rounded to the nearest tenth of a percent and printed. In the above example, if the laboratory found 9.09% for one sample and 9.13% for the other, only the first one would be marked (*) as deficient.
- (2) The grade as printed is the largest whole number in the guarantee of each ingredient, that is, any decimal is dropped before the table is printed. For example, a custom-mixed lot of fertilizer may be guaranteed 11.9% P_2O_5 and 11.2% K_2O . The grade would be printed 0-11-11. However, the investigational allowances are applied on the basis of the 11.9% and 11.2% guarantees. If this custom mixed fertilizer analyzed 10.9% P_2O_5 and 10.9% K_2O , only the 10.9% P_2O_5 would be marked (*) because it is below the 11.9% guarantee by more than the investigational allowance.

TYPE: The codes for type are:

BLEND - A fertilizer made by physically mixing two or more fertilizer materials or non-fertilizer ingredients. It does not include custom mixes.

MNFR - An ammoniated-granulated fertilizer made by chemically mixing and/or reacting fertilizer materials.

MAT - A fertilizer material such as muriate of potash.

CM - A custom-mixed blended fertilizer.

FORM: The column headed "FORM" indicates whether the fertilizer was in bags, bulk, or in Liquid form when sampled.

Statistical Analyses --

In the body of the table there is a brief statistical analysis: (1) When one grade of a company was sampled 5 or more times or (2) when 10 or more total samples were obtained from a company. The terms used are self explanatory; however, the following additional explanation is considered helpful. CV is the coefficient of variation found by dividing the standard deviation by the average analysis and multiplying by 100. The deficiency rate is calculated by dividing the number of samples with one or more deficiencies in N, P_2O_5 , K_2O or RV by the total number of samples and multiplying by 100.

Tables 2 and 3 - Self Explanatory

INVESTIGATIONAL ALLOWANCES

A fertilizer shall be deemed deficient if the analysis of an official sample for any primary nutrient is below the guarantee by an amount exceeding the values in the following schedule.

Primary Nutrients

Guaranteed %	Total Nitrogen (N) %	Available Phosphate (P ₂ O ₅) %	Soluble Potash (K ₂ O) %
05 or less	0.37	0.65	0.39
06	0.47	0.71	0.47
07	0.59	0.77	0.56
08	0.72	0.82	0.63
09	0.81	0.86	0.70
10	0.89	0.89	0.76
12	1.03	0.95	0.87
14	1.18	1.02	0.96
16	1.29	1.12	1.05
18	1.43	1.19	1.12
20	1.57	1.32	1.18
22	1.62	1.39	1.22
24	1.65	1.46	1.26
26	1.66	1.53	1.29
28	1.58	1.59	1.33
30	1.28	1.67	1.36
32 or more	1.28	1.67	1.36

For guarantees not listed, calculate the appropriate value by interpolation.

For these investigational allowances to be applicable, the recommended AOAC International procedures for obtaining, preparing, and analyzing samples must be used. These are described in the current edition of "Methods of Analysis" published by the, AOAC International. 481 North Frederick Avenue, Suite 500, Gaithersburg, MD 28077. In evaluating replicate data, Table 19, page 935, Journal of the Association of Official Analytical Chemists, Volume 49, No. 5, October, 1966, should be followed.

Secondary and micro nutrients shall be deemed deficient if the analysis of an official sample for any of these elements is below the guarantee by an amount exceeding the values in the following schedule.

Secondary and Micro Nutrients

<u>Element</u>	<u>Investigation Allowances</u>
Calcium	0.2 unit + 5% of guarantee
Magnesium	0.2 unit + 5% of guarantee
Sulfur	0.2 unit + 5% of guarantee
Boron	0.003 unit + 15% of guarantee
Molybdenum	0.001 unit + 30% of guarantee
Chlorine	0.005 unit + 10% of guarantee
Copper	0.005 unit + 10% of guarantee
Iron	0.005 unit + 10% of guarantee
Manganese	0.005 unit + 10% of guarantee
Sodium	0.005 unit + 10% of guarantee
Zinc	0.005 unit + 10% of guarantee

The maximum allowance when calculated in accordance to the above shall be one (1) percentage point.

The investigational allowance for relative value (RV) is three (3) percentage points. The investigational allowance for maximum chlorine is 0.5 percentage point.

MONETARY PENALTIES

Penalties for deficiencies in Total Nitrogen (N), Available Phosphate (P₂O₅), soluble potash (K₂O), and index value shall be calculated from the following schedule.

Number of Investigational Allowance Below Guarantee	Penalty Schedule
≤ 2	Equal to the Monetary Value of the Deficiency
$> 2 \leq 3$	Two (2) Times the Monetary Value of the Deficiency
> 3	Three (3) Times the Monetary Value of the Deficiency

If the index value is greater than or equal to 97%, then the penalties calculated from the above schedule may be reduced according to the following schedule:

Number of Investigational Allowances Below Guarantee	Penalty Adjustment
No more than one (1) deficiency that is less than or equal to two (2) investigational allowances	Penalty adjusted to zero
No more than one (1) deficiency that is greater than two (2) but less than three (3) investigational allowances	Value of Overages may adjust up to 100% of the Value of the Deficiencies
Two (2) deficiencies that are less than three (3) investigational allowances; or, no more than one (1) deficiency that is equal to or greater than three (3) but less than four (4) investigational allowances	Value of Overages may adjust up to 75% of the Value of the Deficiencies

When a fertilizer is subject to a penalty from both a primary nutrient deficiency and an index value deficiency, only the larger penalty shall apply; however, in no case shall the penalty exceed the total value of the fertilizer

Penalties for deficiencies in secondary and minor elements and for excess chlorine in tobacco fertilizer shall be calculated from the following schedules.

DEFICIENCIES IN SECONDARY AND MINOR ELEMENTS

Number of Investigational Allowances Below Guarantee	Penalty Schedule
≤ 2	Equal to the Monetary Value of the Deficiency
> 2	Two (2) Times the Monetary Value of the Deficiency

EXCESS CHLORINE IN TOBACCO FERTILIZERS

Number of Investigational Allowances Above Maximum Chlorine Guarantee	Penalty Schedule
< 2	Equal to the difference in the Soluble Potash for Tobacco Unit Value and the Non-Tobacco Soluble Potash Unit Value.
> 2	Two Times the Difference in the Soluble Potash for Tobacco Unit Value and the non-Tobacco Soluble Potash Unit Value.

Any penalty assessed for a deficiency in N, P₂O₅, K₂O, or RV shall be added to any penalty assessed for a deficiency in the secondary and minor elements or excess in chlorine and the total shall be paid by the registrant to the consumer of the lot of fertilizer represented by the sample within three months after the date of notice from the Director, receipts taken therefore and promptly forwarded to the Director. If said consumer cannot be found, the amount of the penalty payments shall be paid to the Kentucky Agricultural Experiment Station within three months after the date of the notice from the Director to the registrant and set aside (1) for purchase of equipment for the sampling, handling, analyzing and reporting of results of analyses of official samples and (2) for the education of the Kentucky fertilizer industry on the newest methods in manufacturing blended fertilizers. If the lot of fertilizer is on hand at a retail location the penalty payments assessed under this section shall be used to reduce the retail price of the fertilizer if it is to be relabeled and sold.

In no case shall the total penalties assessed exceed the retail value of the fertilizer

MAXIMUM CHLORINE GUARANTEE FOR TOBACCO FERTILIZERS

All fertilizer (bag, bulk, liquid, custom mixes, etc.) sold for or represented for use on field crop tobacco, not plant beds, must, in addition to the other guarantees specified by regulation, state a maximum chlorine guarantee not to exceed 2.5% in the following format:

Chlorine (CL), Maximum2.5%

The maximum chlorine guarantee shall be placed below the Guaranteed analysis required by regulation and shall be prominently and conspicuously displayed on the invoice or shipping ticket that accompanies bulk sales.

NOTE: The sections on Investigational Allowances, Penalties, and Maximum Chlorine were taken from the Regulations under the Kentucky Fertilizer Law.

Note: An emergency maximum chlorine regulation was in effect in Spring 2000. It is shown below.

All fertilizers, except bagged, sold for or represented for use on field crop tobacco shall, in addition to the other guarantees specified by 12 KAR Chapter 4, state a maximum chlorine guarantee not to exceed 50 lb. per acre chlorine (equivalent to 100 lb. of muriate of potash per acre) in the following format:

Chlorine (Cl) Maximum 50 lb./acre

The maximum chlorine guarantee shall be:

Placed below the Guaranteed Analysis as required by 12 KAR 4:090 and prominently and conspicuously displayed on the invoice or shipping ticket that accompanies bulk sales.

The invoice or shipping ticket shall state the rate of application expressed in lb./acre of the blended fertilizer.

Bagged tobacco fertilizers shall be exempted from the provisions of this administrative regulation and continue to be guaranteed not to exceed two and five-tenths (2.5) percent chlorine.

The provisions of this administrative regulation shall not apply to fertilizers for use on plant beds.

This emergency regulation has been changed to an “ordinary” regulation and applied to all tobacco fertilizer including bag, bulk and liquid.

**COMMERCIAL FERTILIZER VALUES FOR CALENDAR YEARS
1999 AND 2000**

Under provision of Chapter 250.401 of the Kentucky Law of 1995 the following unit values were used in assessing penalties for deficient fertilizer.

Nutrient	1999	2000
	Dollars/Unit (20 lbs.)	
Total Nitrogen (N)	\$ 4.01	\$ 3.82
Avail. Phosphate (P ₂ O ₅)	\$ 5.28	\$ 4.41
Soluble Potash (K ₂ O)		
Tobacco (Low CL)	\$ 5.80	\$ 5.54
Non-Tobacco	\$ 2.73	\$ 2.63
Calcium (Ca)	\$ 6.76	\$.47
Magnesium	\$15.66	\$12.77
Sulfur (S)	\$ 5.26	\$ 5.54
Boron (B)	\$69.01	\$69.11
Copper (Cu)	\$69.40	\$70.26
Iron (Fe)	\$23.31	\$ 7.30
Manganese (Mn)	\$17.16	\$16.07
Zinc (Zn)	\$23.17	\$22.84

These values are statewide averages taken from a survey conducted in December of the preceding year. No attempt was made to distinguish between bag, bulk or liquid; or, blends and manufactured products.

TABLE 1. RESULTS OF TOTAL NITROGEN (N), AVAILABLE PHOSPHORIC ACID (P2O5), SOLUBLE POTASH (K2O), AND EXCESS CHLORIDE (XS CL) ANALYSES OF OFFICIAL FERTILIZER SAMPLES. Deficiencies in N, P2O5, K2O, and RV and excessive chloride are noted with an asterisk (*). A (+) by the sample number indicates that there is an entry for this sample in Table 2.

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
AG/GRO FERTILIZER CO.		WINCHESTER		KY				
00-00-60	24300			60.87		101	Mat	Bulk
00-20-20	24697+		21.56	20.84		106	Blend	Bag
00-46-00	24302		46.86			101	Mat	Bulk
04-16-04	22343	05.02	17.19	04.35		110	Blend	Bag
04-16-04	24569	03.99	17.01	04.40		105	Blend	Bag
05-10-10	24400	05.03	09.33	10.52		98	Blend	Bag
05-10-10	24858	05.11	09.78	10.64		101	Blend	Bag
05-10-10	24863	04.19*	09.15	10.90		95*	Blend	Bag
05-10-10	24880	05.60	09.39	11.21		103	Blend	Bag
05-10-10	25490	05.73	10.30	10.48		106	Blend	Bag
Statistical Analysis for Grade : 05-10-10								
Number Samples This Grade : 5								
Average Analysis :		5.13	9.59	10.75		100.7		
CV, %		11.83	4.78	2.83				
05-10-15	22670	08.03	10.46	15.43		110	Blend	Bag
05-10-15	23270	07.15	07.97*	16.21		104	Blend	Bag
05-10-15	23653	07.01	09.77	15.30		105	Blend	Bag
05-10-15	23988	07.95	09.68	16.85		113	Blend	Bag
05-10-15	24074	07.17	09.28	16.56		109	Blend	Bag
05-10-15	24297	07.58	08.92*	17.25		112	Blend	Bag
05-10-15	24333	07.58	12.90	15.01		115	Blend	Bag
05-10-15	24410	08.07	10.40	16.86		116	Blend	Bag
05-10-15	24442	09.10	10.68	15.48		114	Blend	Bag
05-10-15	24504	09.16	11.11	14.03		110	Blend	Bag
05-10-15	24505	07.24	08.14*	16.86		107	Blend	Bag
05-10-15	24556	07.49	08.78*	16.31		107	Blend	Bag
05-10-15	24585	07.21	08.03*	16.68		106	Blend	Bag
05-10-15	24677	07.21	09.29	16.45		109	Blend	Bag
05-10-15	24695	07.64	09.08*	16.97		111	Blend	Bag
05-10-15	24760	07.21	08.43*	16.48		106	Blend	Bag
05-10-15	24809	07.44	09.31	15.71		106	Blend	Bag
05-10-15	24860	08.66	09.40	14.72		106	Blend	Bag
05-10-15	24888	07.39	08.64*	16.91		109	Blend	Bag
05-10-15	24891	08.27	10.51	14.24		107	Blend	Bag
05-10-15	24895	07.68	10.27	15.48		109	Blend	Bag
05-10-15	25310	08.48	10.46	15.91		113	Blend	Bag
05-10-15	25392	08.28	10.21	16.68		115	Blend	Bag
05-10-15	25396	07.87	10.11	16.92		115	Blend	Bag
05-10-15	25419	07.69	10.50	15.92		* 112	Blend	Bag
05-10-15	25438	07.98	08.51*	17.33		112	Blend	Bag
05-10-15	25448	07.47	09.47	16.56		110	Blend	Bag
05-10-15	25471	07.55	11.30	16.12		* 114	Blend	Bulk
05-10-15	25472	07.39	11.24	14.17		106	Blend	Bulk
05-10-15	25515	08.55	10.02	18.61		123	Blend	Bag
Statistical Analysis for Grade : 05-10-15								
Number Samples This Grade : 30								
Average Analysis :		7.78	9.76	16.13		110.8		
CV, %		7.39	11.51	6.40				
05-20-20	22950	07.67	20.24	20.44		107	Blend	Bag
05-20-20	23913	04.78	19.57	20.76		99	Blend	Bag
05-20-20	23965	04.95	19.99	21.75		102	Blend	Bag
05-20-20	24011	07.84	20.19	20.58		108	Blend	Bag
05-20-20	24075	05.12	20.61	20.71		103	Blend	Bag
05-20-20	24396	04.81	19.97	20.56		100	Blend	Bag
05-20-20	24411	04.99	19.61	20.10		99	Blend	Bag
05-20-20	24761	07.46	20.84	21.10		110	Blend	Bag
05-20-20	24867	05.44	20.65	21.31		105	Blend	Bag
05-20-20	24886	08.71	21.95	21.60		116	Blend	Bag
05-20-20	25095	05.38	21.09	19.63		103	Blend	Bag
05-20-20	25398	06.78	20.80	20.69		107	Blend	Bag
05-20-20	25423	09.60	21.03	24.25		120	Blend	Bag
05-20-20	25508	07.88	20.02	22.82		111	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P205	K20	XS CL	RV	TYPE	FORM
AG/GRO FERTILIZER CO. WINCHESTER KY								
Statistical Analysis for Grade : 05-20-20								
Number Samples This Grade : 14								
Average Analysis : 6.52 20.46 21.16 106.8								
CV, % 25.24 3.19 5.58								
06-12-12	23766	05.86	12.13	13.62		104	Blend	Bag
06-12-12	23868	05.70	10.17*	12.98		93*	Blend	Bag
06-12-12	24397	05.55	10.55*	12.19		92*	Blend	Bag
06-12-12	24439	06.19	14.89	12.69		114	Blend	Bag
06-12-12	24855	05.85	10.64*	12.94		96*	Blend	Bag
06-12-12	24882	05.73	10.63*	12.54		94*	Blend	Bag
06-12-12	24885	06.35	11.55	11.17		97	Blend	Bag
06-12-12	25489	06.18	11.76	12.26		100	Blend	Bag
Statistical Analysis for Grade : 06-12-12								
Number Samples This Grade : 8								
Average Analysis : 5.92 11.54 12.54 99.1								
CV, % 4.75 13.14 5.73								
06-24-24	24121	09.47	23.84	25.89		109	Blend	Bag
06-24-24	24287	09.50	24.45	25.65		110	Blend	Bag
06-24-24	24507	07.68	24.36	25.63		106	Blend	Bag
09-18-27	24555	14.16	16.71*	28.81		109	Blend	Bag
09-18-27	24698	14.11	15.51*	29.75		109	Blend	Bag
09-18-27	25096	14.52	17.21	28.11		109	Blend	Bag
09-18-27	25455	14.24	17.67	27.81		108	Blend	Bag
10-00-00	22671+	10.96				109	Mat	Bag
10-00-00	24412+	11.25				112	Mat	Bag
10-00-00	24509+	11.24				112	Mat	Bag
10-10-10	22344	10.30	11.47	11.02		109	Blend	Bag
10-10-10	22538	10.68	11.93	10.27		110	Blend	Bag
10-10-10	22948	09.75	09.44	11.43		100	Blend	Bag
10-10-10	23268	09.36	10.48	10.22		100	Blend	Bag
10-10-10	23652	10.33	11.53	10.17		107	Blend	Bag
10-10-10	23765	09.94	10.22	10.34		101	Blend	Bag
10-10-10	23867	09.26	10.48	10.75		101	Blend	Bag
10-10-10	23987	09.50	10.53	11.04		102	Blend	Bag
10-10-10	24010	09.17	10.96	09.80		100	Blend	Bag
10-10-10	24071	10.01	09.81	10.73		101	Blend	Bag
10-10-10	24073	10.01	10.75	10.08		103	Blend	Bag
10-10-10	24092	09.91	10.94	10.62		105	Blend	Bulk
10-10-10	24152	11.75	11.11	09.90		110	Blend	Bag
10-10-10	24176	09.51	10.28	11.18		102	Blend	Bag
10-10-10	24283	18.86	18.54	21.84		194	Blend	Bag
10-10-10	24288	10.23	11.45	09.69		105	Blend	Bag
10-10-10	24296	09.78	10.41	10.67		102	Blend	Bag
10-10-10	24329	10.29	10.51	11.36		106	Blend	Bag
10-10-10	24332	09.25	09.96	11.25		100	Blend	Bag
10-10-10	24398	10.76	10.72	11.22		108	Blend	Bag
10-10-10	24409	09.99	10.08	11.01		102	Blend	Bag
10-10-10	24441	09.24	10.64	11.22		102	Blend	Bag
10-10-10	24503	10.70	10.85	09.86		105	Blend	Bag
10-10-10	24508	09.27	09.88	10.67		98	Blend	Bag
10-10-10	24568	09.48	10.91	10.74		103	Blend	Bag
10-10-10	24580	10.90	09.72	10.32		102	Blend	Bag
10-10-10	24584	11.05	12.24	10.44		113	Blend	Bag
10-10-10	24622	09.32	10.91	09.82		100	Blend	Bag
10-10-10	24694	07.70*	09.89	12.61		97	Blend	Bag
10-10-10	24857	09.52	09.79	11.92		102	Blend	Bag
10-10-10	24865	10.04	10.24	10.53		102	Blend	Bag
10-10-10	24873	09.53	09.03*	12.41		100	Blend	Bag
10-10-10	24890	09.59	10.21	09.82		98	Blend	Bag
10-10-10	25041	10.41	10.40	10.51		104	Blend	Bag
10-10-10	25094	08.18*	09.08*	12.43		95*	Blend	Bag
10-10-10	25449	09.96	10.73	10.29		103	Blend	Bag
10-10-10	25453	09.88	11.02	10.19		104	Blend	Bag
10-10-10	25491	09.15	10.13	10.43		98	Blend	Bag
10-10-10	25511	10.63	11.57	08.30*		104	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
AG/GRO FERTILIZER CO.		WINCHESTER		KY				
Statistical Analysis for Grade : 10-10-10								
Number Samples This Grade : 39								
Average Analysis :		10.08	10.73	10.95		105.6		
CV, %		16.11	13.65	17.99				
10-20-10	21970	09.68	19.72	10.85		99	Blend	Bag
10-20-10	24874	10.29	19.56	08.60*		97	Blend	Bag
10-20-20	24696	09.83	19.14	21.64		99	Blend	Bag
10-49-00	24304	09.40	49.81			100	Mat	Bulk
12-12-12	23756	11.26	12.45	12.24		99	Blend	Bag
12-12-12	23764	11.91	12.30	13.12		103	Blend	Bag
12-12-12	24401	12.00	12.49	13.61		104	Blend	Bag
12-12-12	24440	11.92	12.66	12.03		102	Blend	Bag
12-12-12	24699	13.25	12.25	11.44		103	Blend	Bag
12-12-12	24856	11.49	13.46	12.60		104	Blend	Bag
12-12-12	24861	12.32	11.80	14.09		104	Blend	Bag
12-12-12	24864	12.31	12.00	13.02		102	Blend	Bag
12-12-12	24881	11.71	11.80	13.15		100	Blend	Bag
12-12-12	24893	12.02	13.23	12.05		104	Blend	Bag
12-12-12	25397	10.90*	11.75	13.26		98	Blend	Bag
12-12-12	25492	11.99	13.08	13.59		106	Blend	Bag
Statistical Analysis for Grade : 12-12-12								
Number Samples This Grade : 12								
Average Analysis :		11.92	12.43	12.85		102.9		
CV, %		4.93	4.64	6.09				
13-00-46	24299	13.62		45.81		101	Mat	Bulk
15-15-15	24330	15.18	15.33	15.70		102	Blend	Bag
15-15-15	24579	15.55	14.04	15.22		99	Blend	Bag
15-15-15	24862	16.14	15.68	14.50		103	Blend	Bag
15-15-15	25311	14.96	14.54	16.53		103	Blend	Bag
15-30-15	21971	15.34	29.91	15.80		101	Blend	Bag
15-30-15	24877	15.12	29.75	15.81		100	Blend	Bag
15-39-05	24407	14.18	38.27	06.15		98	Blend	Bag
16-27-14	24878	15.06	26.05	15.46		98	Blend	Bag
18-46-00	24303	17.40	46.39			99	Mat	Bulk
19-19-19	22403	19.17	19.09	19.78		101	Blend	Bag
19-19-19	22949	18.47	18.30	20.70		99	Blend	Bag
19-19-19	23070	19.76	19.39	19.83		103	Blend	Bag
19-19-19	23269	19.57	18.97	19.14		101	Blend	Bag
19-19-19	23654	18.46	20.08	19.82		102	Blend	Bag
19-19-19	23914	18.92	20.95	18.84		103	Blend	Bag
19-19-19	23986	18.66	20.08	19.63		102	Blend	Bag
19-19-19	24009	18.90	19.93	19.76		102	Blend	Bag
19-19-19	24072	17.98	18.90	19.82		98	Blend	Bulk
19-19-19	24076	19.43	20.40	18.92		103	Blend	Bag
19-19-19	24219	19.90	20.97	18.34		105	Blend	Bag
19-19-19	24328	17.60	20.85	19.81		102	Blend	Bag
19-19-19	24331	18.68	19.17	19.66		100	Blend	Bag
19-19-19	24399	18.73	20.53	18.78		102	Blend	Bag
19-19-19	24491	19.58	19.81	19.63		103	Blend	Bag
19-19-19	24502	18.39	19.76	20.03		101	Blend	Bag
19-19-19	24506	18.22	19.83	20.03		101	Blend	Bag
19-19-19	24564	19.03	20.24	19.09		102	Blend	Bag
19-19-19	24759	18.90	19.46	19.35		101	Blend	Bag
19-19-19	24859	19.23	20.23	18.38		102	Blend	Bag
19-19-19	24866	17.81	19.72	20.68		101	Blend	Bag
19-19-19	24875	18.95	20.00	19.21		102	Blend	Bag
19-19-19	24887	19.55	20.09	18.67		102	Blend	Bag
19-19-19	24892	18.76	20.47	18.75		102	Blend	Bag
19-19-19	24896	18.55	19.83	19.55		101	Blend	Bag
19-19-19	25039	19.29	19.97	17.88		101	Blend	Bulk
19-19-19	25040	19.59	18.52	19.68		100	Blend	Bulk
19-19-19	25309	19.29	19.07	19.65		101	Blend	Bag
19-19-19	25393	17.51	18.81	20.88		99	Blend	Bag
19-19-19	25454	20.01	16.49*	19.40		97	Blend	Bag
19-19-19	25507	18.62	19.28	20.42		101	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
AG/GRO FERTILIZER CO. WINCHESTER KY								
Statistical Analysis for Grade : 19-19-19								
Number Samples This Grade : 31								
Average Analysis : 18.88 19.65 19.48 101.8								
CV, % 3.44 4.59 3.62								
22-20-00	21919	22.41	19.09			98	Blend	Bag
32-07-11	25447	29.58*	06.66	18.09		113	Blend	Bag
34-00-00	24301	34.35				101	Mat	Bulk
34-00-00	24408	34.39				101	Mat	Bag
34-00-00	24492	34.42				101	Mat	Bag
34-00-00	24623	33.70				99	Mat	Bag
34-00-00	24678	33.64				98	Mat	Bag
Statistical Analysis for Grade : 34-00-00								
Number Samples This Grade : 5								
Average Analysis : 34.10 .00 .00 100.2								
CV, % 1.15 .00 .00								
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE 107.07 101.80 106.03								
ALL SAMPLES, CV, % 24.50 36.67 68.34								
NUMBER OF ANALYSIS 172 165 163								
Deficiency Rate - 13.71 %								
AG/GRO FERT. CO. #2 WINCHESTER KY								
08-17-26	25364	13.18	16.76*	24.48*		98	CM	Bulk
16-05-28	25367	17.07	04.80	30.81		107	CM	Bulk
19-19-19	25365	18.77	18.59	19.08		98	CM	Bulk
22-11-23	25368	21.27	11.26	24.86		102	CM	Bulk
24-03-19	25363	24.48	03.26	21.25		101	CM	Bulk
27-09-13	25366	29.37	08.85	14.01		104	CM	Bulk
AG DISTRIBUTORS INC NASHVILLE TN								
00-00-60	23036			61.17		101	Mat	Bulk
00-00-60	25235			60.45		100	Mat	Bulk
18-46-00	23037	18.13	46.07			100	Mat	Bulk
18-46-00	23038	17.39	45.57			98	Mat	Bulk
18-46-00	25234	17.15	45.96			98	Mat	Bulk
32-00-00	24791	31.77				99	Mat	Liq
34-00-00	22501	33.99				99	Mat	Bulk
34-00-00	23035	34.08				100	Mat	Bulk
46-00-00	22336	46.05				100	Mat	Bulk
46-00-00	22502	45.90				99	Mat	Bulk
46-00-00	22560	45.99				99	Mat	Bulk
46-00-00	22695	45.94				99	Mat	Bulk
46-00-00	23039	45.81				99	Mat	Bulk
46-00-00	25233	46.08				100	Mat	Bulk
Statistical Analysis for Grade : 46-00-00								
Number Samples This Grade : 6								
Average Analysis : 45.96 .00 .00 99.9								
CV, % .21 .00 .00								
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE 99.60 99.71 101.35								
ALL SAMPLES, CV, % 1.64 .57 .83								
NUMBER OF ANALYSIS 12 3 2								
Deficiency Rate - 0.00 %								
AG-QUEST DRY RIDGE KY								
19-19-19	24680	17.81	17.86	20.85		97	Blend	Bag
AGRI-CHEM INC HERNDON KY								
04-22-34	22142	04.88	22.46	34.35		100	CM	Bulk
04-23-22	21972	06.22	26.44	19.79*		107	CM	Bulk
04-23-23	21973	05.37	24.01	23.40		103	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
AGRI-CHEM INC		HERNDON		KY				
05-26-30	21974	05.83	26.52	30.06		101	CM	Bulk
05-26-30	21975	05.61	25.86	30.71		100	CM	Bulk
05-26-30	22143	05.70	26.37	31.09		102	CM	Bulk
07-34-20	21976	07.52	35.18	20.33		101	CM	Bulk
07-34-20	21977	07.53	35.72	20.33		102	CM	Bulk
10-26-25	23220	09.87	26.86	25.59		100	CM	Bulk
10-26-25	23221	09.82	26.43	26.51		100	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		103.31	102.84	100.16				
ALL SAMPLES, CV, %		8.60	4.20	4.95				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate -		10.00 %						
AGRI-CHEM, INC.		HOPKINSVILLE		KY				
00-00-60	21936			60.72		101	Mat	Bulk
00-00-60	22323			60.09		100	Mat	Bulk
00-46-00	21978		46.02			100	Mat	Bulk
04-20-20	22121	05.38	22.31	21.84		107	CM	Bulk
04-21-20	22122	04.83	21.40	22.74		104	CM	Bulk
04-21-21	22120	04.70	21.63	21.92		102	CM	Bulk
05-28-27	21938	05.82	26.99	29.02		98	CM	Bulk
10-26-26	23959	09.58	24.56	28.21		98	CM	Bulk
10-26-26	23960	09.50	24.94	27.87		98	CM	Bulk
11-52-00	21937	10.95	52.02			99	Mat	Bulk
18-46-00	21935	17.35	45.67			98	Mat	Bulk
18-46-00	22322	17.69	45.89			99	Mat	Bulk
19-19-19	23956	17.37*	18.21	22.23		97	CM	Bulk
19-19-19	23958	20.16	23.24	15.41*		104	CM	Bulk
22-17-16	23957	23.62	18.48	14.43*		101	CM	Bulk
26-14-13	23961	24.25*	15.79	16.17		101	CM	Bulk
32-00-00	23219	31.42				98	Mat	Liq
32-00-00	24715	31.80				99	Mat	Liq
46-00-00	21934	46.20				100	Mat	Bulk
46-00-00	22321	45.77				99	Mat	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		98.75	100.85	102.55				
ALL SAMPLES, CV, %		7.47	7.11	10.63				
NUMBER OF ANALYSIS		17	14	12				
Deficiency Rate -		20.00 %						
AGRI-CHEM, INC		PRINCETON		KY				
09-23-30	23492	08.75	23.48	29.59		100	CM	Bulk
17-21-20	25121	18.75	22.76	18.85*		103	CM	Bulk
24-15-16	23491	23.97	16.37	16.07		101	CM	Bulk
24-16-15	25122	23.93	15.87	16.26		99	CM	Bulk
24-16-15	25123	23.14	16.27	16.66		99	CM	Bulk
32-09-10	25118	31.23	10.49	10.62		100	CM	Bulk
32-09-10	25119	31.65	09.62	10.75		99	CM	Bulk
32-09-10	25120	31.90	09.60	10.58		99	CM	Bulk
AGRI-CHEM INC		TRENTON		KY				
09-23-30	24136	09.83	24.48	28.19*		102	CM	Bulk
09-23-30	24137	08.71	23.08	30.29		100	CM	Bulk
09-23-30	24141	08.98	23.38	29.50		100	CM	Bulk
09-23-30	24142	08.47	22.69	30.35		98	CM	Bulk
10-26-18	24138+	10.47	27.04	18.47		99	CM	Bulk
11-28-22	23142	10.64	27.57	24.13		98	CM	Bulk
AGRIGRO FARM CENTER, INC.		HARTFORD		KY				
06-15-40	25086	06.00	15.33	39.53		100	CM	Bulk
06-15-40	25087	06.31	16.63	39.01		102	CM	Bulk
09-23-30	24907	08.43	22.88	30.49		99	CM	Bulk
09-23-30	25049	09.01	23.24	29.68		100	CM	Bulk
09-23-30	25088	09.25	24.34	28.76		101	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P205	K20	XS CL	RV	TYPE	FORM
AGRIGRO FARM CENTER, INC. HARTFORD KY								
09-23-30	25089	08.78	23.43	30.11		100	CM	Bulk
09-23-30	25090	08.97	23.44	30.01		100	CM	Bulk
09-23-30	25091	08.51	23.26	30.67		100	CM	Bulk
Statistical Analysis for Grade : 09-23-30								
Number Samples This Grade : 6								
Average Analysis :		8.82	23.43	29.95		100.5		
CV, %		3.55	2.08	2.27				
14-16-24	25092	14.39	17.11	23.95		102	CM	Bulk
18-17-22	25093	18.07	17.38	23.13		100	CM	Bulk
27-11-15	25085	27.24	13.22	14.28		102	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		99.37	103.52	99.41				
ALL SAMPLES, CV, %		3.43	4.68	2.46				
NUMBER OF ANALYSIS		11	11	11				
Deficiency Rate -		0.00 %						
AGRI PORT TERMINAL EDDYVILLE KY								
00-00-60	24140			60.05		100	Mat	Bulk
00-23-30	21979		24.05	29.92		102	CM	Bulk
00-23-30	21980		23.74	28.96		100	CM	Bulk
16-18-24	24101	16.73	18.14	23.99		100	CM	Bulk
22-16-16	23357	22.10	14.91*	19.78		98	CM	Bulk
22-16-16	23358	22.34	17.35	16.94		100	CM	Bulk
46-00-00	24139	46.24				100	Mat	Bulk
AGRIUM US INC REESE MI								
00-00-00	22951+						Mat	Bag
00-00-00	23854+						Mat	Bulk
00-00-00	25519+						Mat	Bag
AGRO DISTRIBUTION LLC HARDINSBURG KY								
00-00-50	23999			51.30		102	Mat	Bulk
00-00-60	24000			60.82		101	Mat	Bulk
00-26-26	24005		27.19	25.68		102	CM	Bulk
00-26-26	24006		26.77	26.47		102	CM	Bulk
00-46-00	23591		46.02			100	Mat	Bulk
11-52-00	23592	10.55	52.34			99	Mat	Bulk
12-10-16	25477	12.01	10.60	18.14		102	CM	Bulk
13-09-14	25478	13.99	09.61	15.61		102	CM	Bulk
13-33-16	24004	12.08	31.22*	19.57		98	CM	Bulk
14-23-22	24007	14.15	22.54	23.64		99	CM	Bulk
18-46-00	23594	17.49	45.97			99	Mat	Bulk
19-14-14	23595	19.99	15.07	14.71		101	CM	Bulk
19-19-19	24109	21.18	19.44	17.34*		100	CM	Bulk
19-19-19	24110	22.71	19.94	14.19*		100	CM	Bulk
21-15-15	24001	22.18	17.34	16.03		105	CM	Bulk
22-10-13	24003	21.96	10.06	15.60		100	CM	Bulk
23-25-09	24002	22.93	25.23	09.74		99	CM	Bulk
34-00-00	23590	34.08				100	Mat	Bulk
46-00-00	23593	46.20				100	Mat	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		101.07	100.20	101.11				
ALL SAMPLES, CV, %		6.45	3.72	10.57				
NUMBER OF ANALYSIS		14	15	14				
Deficiency Rate -		15.78 %						
AIR PRODUCTS & CHEMICALS PACE FL								
34-00-00	25462	34.10				100	Mat	Bag
ALASKA FISH FERTILIZER CO. RENTON WA								
05-01-01	22861	04.65	01.36	01.77		108	Blend	Liq

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
ALLEN CO. FARMERS SERVICE		SCOTTSVILLE		KY				
19-19-19	22801	18.84	19.52	19.85		99	CM	Bulk
19-19-19	22906	19.78	19.57	19.81		101	CM	Bulk
19-19-19	22910	18.52	18.21	20.32		97	CM	Bulk
21-17-17	22796	19.80*	17.79	20.20		99	CM	Bulk
23-16-16	22908	23.62	15.65	16.96		99	CM	Bulk
26-14-14	22909	25.63	14.88	14.79		100	CM	Bulk
27-16-10	22690	27.59	17.04	10.37		100	CM	Bulk
29-11-11	22911	29.57	12.37	11.13		99	CM	Bulk
29-12-12	22907	29.20	12.97	12.39		101	CM	Bulk
34-08-08	22795	33.93	08.94	08.98		100	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		98.60	100.67	103.16				
ALL SAMPLES, CV, %		2.79	3.56	5.33				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate -		10.00 %						
ALLEN COUNTY FEED AND SEED		SCOTTSVILLE		KY				
11-30-19	22917	11.00	28.42	21.59		97	CM	Bulk
18-18-18	22915	17.85	19.75	19.70		101	CM	Bulk
19-19-19	22912	17.62*	22.14	19.13		102	CM	Bulk
20-20-10	22913	19.70	20.51	12.64		99	CM	Bulk
22-22-06	22797	22.98	21.25	06.37		98	CM	Bulk
22-22-06	22800	22.61	22.90	06.29		101	CM	Bulk
22-22-06	22916	22.19	23.12	06.44		101	CM	Bulk
23-13-18	22799	22.58	15.72	18.34		102	CM	Bulk
23-16-16	22914	22.47	19.64	15.43*		104	CM	Bulk
26-14-14	22798	26.17	16.56	13.55		103	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		96.67	104.98	102.45				
ALL SAMPLES, CV, %		3.01	8.76	6.52				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate -		20.00 %						
ALLENSVILLE CROP SERVICE		ALLENSVILLE		KY				
06-13-19	24762+	07.38	13.71	20.71		103	CM	Bulk
09-18-27	25109	09.46	17.30*	28.76		100	CM	Bulk
10-25-22	24370+	09.70	24.47	22.94		97	CM	Bulk
10-25-22	24733+	09.30	24.56	22.52		96*	CM	Bulk
11-27-18	24732+	10.68	27.43	18.67		99	CM	Bulk
14-08-13	25105+	14.90	10.10	13.47		104	CM	Bulk
15-15-22	25106	15.23	14.60	24.09		101	CM	Bulk
16-14-22	25107	11.97*	13.60*	28.61		105	CM	Bulk
17-14-21	24726	15.53*	16.44	23.09		103	CM	Bulk
17-14-21	24727	17.60	14.06	21.30		99	CM	Bulk
18-14-21	25108	18.02	14.80	21.07		101	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		94.37	99.68	105.74				
ALL SAMPLES, CV, %		9.79	7.77	7.87				
NUMBER OF ANALYSIS		11	11	11				
Deficiency Rate -		36.36 %						
HONEYWELL INC		CHESTER		VA				
21-00-00	22303+	21.19				100	Mat	Bulk
ALLJACK		ST LOUIS		MO				
12-55-06	23848+	12.84	53.70	06.82		99	Blend	Bag
15-30-15	21756+	15.46	30.87	15.99		103	Blend	Bag
15-30-15	23261+	15.22	30.78	15.75		102	Blend	Bag
15-30-15	24992+	15.37	30.57	16.12		103	Blend	Bag
18-18-21	23260+	19.67	18.44	22.16		105	Blend	Bag
18-24-16	21755+	19.12	23.65	16.95		102	Blend	Bag
18-24-16	23262+	19.77	24.52	17.86		106	Blend	Bag
30-10-10	23263+	30.47	10.56	11.40		104	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P205	K20	XS CL	RV	TYPE	FORM
AMERICAN PLANT FOOD		CREVE COEUR		MO				
15-30-15	21751+	16.49	30.07	16.54		104	Blend	Bag
15-30-15	21954+	17.71	30.62	16.62		107	Blend	Bag
15-30-15	22407+	16.92	30.98	16.51		106	Blend	Bag
15-30-15	22677+	16.56	28.43	17.00		101	Blend	Bag
15-30-15	24253+	17.00	28.79	16.34		102	Blend	Bag
15-30-15	25522+	17.12	31.43	16.39		107	Blend	Bag
Statistical Analysis for Grade : 15-30-15								
Number Samples This Grade : 6								
Average Analysis :		16.96	30.05	16.56		105.0		
CV, %		2.59	4.02	1.42				
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		113.11	100.17	110.44				
ALL SAMPLES, CV, %		2.59	4.02	1.42				
NUMBER OF ANALYSIS		6	6	6				
Deficiency Rate -		0.00 %						
ANDERSON CO FARM SERVICE		LAWRENCEBURG		KY				
00-00-60	23172			60.29		100	Mat	Bulk
07-20-33	25323	07.69	19.80	33.07		98	CM	Bulk
14-00-06	25321	14.92		07.68		109	CM	Bulk
14-15-19	25316	15.84	16.08	18.93		101	CM	Bulk
15-00-10	25317	17.33		10.61		104	CM	Bulk
16-00-12	25322	17.39		13.19		105	CM	Bulk
16-00-30	23174	15.91		31.91		101	CM	Bulk
16-04-25	25320+	15.82	04.34	26.61		101	CM	Bulk
18-46-00	23171	17.78	46.63			100	Mat	Bulk
21-10-12	25319	23.19	10.22	12.36		103	CM	Bulk
22-00-16	25318	23.45		15.92		100	CM	Bulk
22-00-20	23173	22.62		20.51		102	CM	Bulk
24-07-09	23660	25.38	07.29	10.52		102	CM	Bulk
33-00-00	23170	34.09				103	Mat	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		103.32	100.78	101.92				
ALL SAMPLES, CV, %		4.09	2.91	5.93				
NUMBER OF ANALYSIS		13	6	12				
Deficiency Rate -		0.00 %						
THE ANDERSONS		MAUMEE		OH				
05-12-08	25386+	05.85	13.46	08.71		112	Blend	Bag
12-00-00	25387+	12.01				100	Mat	Bag
BALLARD COUNTY COOP		LACENTER		KY				
09-23-30	22287	09.09	24.29	29.67		102	CM	Bulk
09-23-30	22288	08.65	22.79	30.89		99	CM	Bulk
09-23-30	23565	08.91	22.35	31.25		100	CM	Bulk
09-23-30	23567	08.89	21.59	32.61		100	CM	Bulk
10-16-21	24434+	10.67	16.14	22.36		101	CM	Bulk
10-16-21	24435+	09.81	16.20	21.52		98	CM	Bulk
15-17-22	24431	14.29	17.35	23.62		99	CM	Bulk
15-17-22	24432	14.20	17.23	24.09		100	CM	Bulk
15-17-22	24433	14.25	17.23	23.65		99	CM	Bulk
17-15-20	24436	16.11	15.31	21.40		99	CM	Bulk
22-00-20	23566	24.23		20.44		105	CM	Bulk
32-00-00	23568	32.22				100	Mat	Liq
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		98.06	99.30	104.18				
ALL SAMPLES, CV, %		4.59	2.94	2.76				
NUMBER OF ANALYSIS		12	10	11				
Deficiency Rate -		0.00 %						
BANDANA FERTILIZER SERVICE		BANDANA		KY				
04-12-16	22083	05.86	13.62	16.64		105	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
BANDANA FERTILIZER SERVICE		BANDANA		KY				
04-12-16	22084	05.41	12.14	19.09		104	CM	Bulk
05-13-16	22081	05.95	13.56	17.63		105	CM	Bulk
07-19-34	22082	07.14	18.59	35.87		98	CM	Bulk
08-21-28	23564	08.73	21.93	28.99		101	CM	Bulk
09-23-30	24428	08.83	23.83	29.38		100	CM	Bulk
09-23-30	24429	08.71	23.83	29.43		100	CM	Bulk
09-23-30	24430	08.29	21.82	31.95		98	CM	Bulk
17-11-17	24952	16.29*	13.12	19.12		103	CM	Bulk
17-11-17	24953	15.69*	12.72	19.98		103	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		96.87	101.48	103.93				
ALL SAMPLES, CV, %		10.53	5.74	5.49				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate -		20.00 %						
BARREN METCALFE INC		KNOBLICK		KY				
00-00-60	22430			60.76		101	Mat	Bulk
10-25-24	22815+	09.98	25.99	24.66		100	CM	Bulk
11-00-35	22983	11.39		36.32		101	CM	Bulk
16-27-13	22979	16.70	24.59*	15.58		97	CM	Bulk
16-27-13	22980	16.80	27.46	13.67		100	CM	Bulk
16-27-13	22987	16.71	27.66	13.32		100	CM	Bulk
17-17-17	22986	17.61	18.68	18.61		102	CM	Bulk
18-46-00	22429	17.56	45.73			98	Mat	Bulk
19-19-19	22981	18.92	19.26	19.90		99	CM	Bulk
19-19-19	22985	19.09	20.05	19.13		101	CM	Bulk
26-09-18	22988	26.40	09.69	18.54		101	CM	Bulk
27-13-13	22984	27.20	13.70	13.93		100	CM	Bulk
34-00-00	22445	33.92				99	Mat	Bulk
46-00-00	22489	45.93				99	Mat	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		99.67	99.92	101.96				
ALL SAMPLES, CV, %		1.19	4.03	4.31				
NUMBER OF ANALYSIS		13	10	11				
Deficiency Rate -		7.14 %						
BEATTY FERTILIZER		CLEVELAND		TN				
20-10-06	24418+	24.03	12.97	07.02		122	Blend	Bag
BICKETT AGRI CENTER		CENTRAL CITY		KY				
09-23-30	25377	08.24	21.84	31.20		97	CM	Bulk
09-23-30	25378	09.00	23.56	29.02		99	CM	Bulk
09-23-30	25379	08.89	22.85	30.52		100	CM	Bulk
09-23-30	25380	08.85	22.69	30.54		99	CM	Bulk
09-23-30	25381	08.64	22.87	30.55		99	CM	Bulk
09-23-30	25382	08.68	23.33	30.02		100	CM	Bulk
Statistical Analysis for Grade : 09-23-30								
Number Samples This Grade : 6								
Average Analysis :		8.71	22.85	30.30		99.5		
CV, %		3.08	2.61	2.42				
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		96.85	99.37	101.02				
ALL SAMPLES, CV, %		3.08	2.61	2.42				
NUMBER OF ANALYSIS		6	6	6				
Deficiency Rate -		0.00 %						
BLOOMFIELD FERT. & CHEM CO.		BLOOMFIELD		KY				
00-00-60	22845			61.12		101	Mat	Bulk
03-09-39	24097	04.16	09.94	38.93		100	CM	Bulk
13-08-12	25250	13.03	08.20	12.65		98	CM	Bulk
18-00-24	25249	17.56		23.94		97	CM	Bulk
18-08-17	25252	18.03	08.36	18.16		101	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P205	K20	XS CL	RV	TYPE	FORM
BLOOMFIELD FERT. & CHEM CO.		BLOOMFIELD		KY				
18-46-00	22846	17.60	45.88			99	Mat	Bulk
20-12-18	25251	21.05	12.39	19.17		100	CM	Bulk
21-15-20	22849	20.58	15.82	20.76		100	CM	Bulk
23-14-18	22848	22.45	13.69	20.23		99	CM	Bulk
29-00-21	24099	29.14		22.16		100	CM	Bulk
30-00-20	24096	29.54		21.21		99	CM	Bulk
30-00-20	24098	30.51		21.08		101	CM	Bulk
30-00-20	24100	29.82		20.48		98	CM	Bulk
31-00-19	24095	31.25		19.69		100	CM	Bulk
46-00-00	22847	45.81				99	Mat	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		98.08	99.29	102.92				
ALL SAMPLES, CV, %		3.10	2.29	2.61				
NUMBER OF ANALYSIS		14	7	13				
Deficiency Rate -		0.00 %						
BLUEGRASS SEED & FERT		BARDSTOWN		KY				
00-00-60	23198			60.88		101	Mat	Bulk
08-00-46	23196+	08.18		47.66		100	CM	Bulk
09-23-30	24490	08.85	22.51	30.55		99	CM	Bulk
16-18-24	23194	15.33	19.89	24.25		101	CM	Bulk
16-18-24	23202	15.45	18.20	25.77		99	CM	Bulk
18-46-00	23199	17.78	46.02			99	Mat	Bulk
18-46-00	24489	17.69	45.78			99	Mat	Bulk
19-19-18	23200	18.83	20.40	19.13		100	CM	Bulk
19-19-18	23203	18.41	19.93	20.33		100	CM	Bulk
19-19-19	24488	19.93	18.65	19.53		99	CM	Bulk
25-15-15	25253	25.12	14.76	15.61		99	CM	Bulk
26-10-14	23195	25.08	11.39	15.80		100	CM	Bulk
26-10-14	23201	25.42	11.45	16.15		102	CM	Bulk
46-00-00	23197	45.89				99	Mat	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		97.46	100.63	103.78				
ALL SAMPLES, CV, %		2.83	3.67	3.96				
NUMBER OF ANALYSIS		13	11	11				
Deficiency Rate -		0.00 %						
BOYD FARM CENTER		CROFTON		KY				
08-22-30	25081	08.75	23.23	31.26		101	CM	Bulk
19-19-19	22944	17.25*	19.02	23.19		99	CM	Bulk
20-07-22	25082	19.43	08.79	23.41		102	CM	Bulk
22-16-16	23953	21.05	17.11	18.32		101	CM	Bulk
36-07-07	23954	34.37*	07.04	09.65		99	CM	Bulk
36-07-07	23955	34.11*	08.03	09.35		100	CM	Bulk
OTIS BRYANT & SON		CANEYVILLE		KY				
17-17-17	24123	17.33	18.03	18.20		99	CM	Bulk
19-19-19	24119	18.69	19.95	19.55		100	CM	Bulk
19-19-19	24120	19.12	19.76	19.66		100	CM	Bulk
19-19-19	24122	18.84	19.80	19.73		100	CM	Bulk
19-19-19	24124	19.30	19.73	19.43		100	CM	Bulk
19-19-19	24172	19.50	19.02	19.39		99	CM	Bulk
19-19-19	24173	19.27	19.88	19.39		100	CM	Bulk
Statistical Analysis for Grade : 19-19-19								
Number Samples This Grade :		6						
Average Analysis :		19.12	19.69	19.52		100.4		
CV, %		1.59	1.71	.74				
20-18-18	24174	20.25	19.25	18.80		101	CM	Bulk
25-13-16	24171	24.70	13.12	17.68		100	CM	Bulk
25-15-15	24118	24.56	16.90	14.46		102	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
OTIS BRYANT & SON		CANEVILLE		KY				
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		98.57	102.61	100.86				
ALL SAMPLES, CV, %		1.35	3.63	1.94				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate -	0.00 %							
BURKESVILLE FERTILIZER CO		BURKESVILLE		KY				
00-00-60	22339			60.05		100	Mat	Bulk
09-18-27	24849	09.07	17.33	29.43		101	CM	Bulk
09-18-27	24850	08.78	18.98	27.92	*	100	CM	Bulk
13-09-13	24848	13.65	09.52	14.14		102	CM	Bulk
15-13-20	24846	15.00	12.74	21.34		100	CM	Bulk
17-17-17	23066	18.15	17.32	17.45		102	CM	Bulk
17-17-17	23069	18.06	17.68	18.07		101	CM	Bulk
17-17-17	24845	19.11	17.70	18.29		103	CM	Bulk
17-17-17	24847	17.46	17.14	18.03		98	CM	Bulk
18-46-00	22340	17.19	45.78			98	Mat	Bulk
19-19-19	23067	19.09	20.67	19.51		102	CM	Bulk
19-19-19	23068	19.09	19.80	19.69		100	CM	Bulk
33-00-00	22342	34.50				102	Mat	Bulk
46-00-00	22341	46.10				100	Mat	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		100.36	100.08	102.21				
ALL SAMPLES, CV, %		3.87	3.90	1.92				
NUMBER OF ANALYSIS		13	11	11				
Deficiency Rate -	0.00 %							
C & F SUPPLY INC		HISEVILLE		KY				
00-00-22	22435+			20.15*		91*	Mat	Bulk
00-00-62	22432			61.65		99	Mat	Bulk
16-16-16	22812	17.50	16.31	17.16		100	CM	Bulk
17-07-12	25294	17.55	06.74*	12.36		97	CM	Bulk
17-17-17	22814	18.34	19.31	17.04		102	CM	Bulk
18-18-18	22735	17.97	18.26	19.02		101	CM	Bulk
18-18-18	22811	18.82	18.41	18.26		98	CM	Bulk
18-18-18	22813	19.28	20.20	17.40*		103	CM	Bulk
18-46-00	22433	17.75	46.60			100	Mat	Bulk
19-10-16	25293	19.82	09.95	16.17		99	CM	Bulk
26-13-13	22734	27.72	13.78	13.84		103	CM	Bulk
27-13-13	22732	27.96	13.88	13.30		100	CM	Bulk
27-13-13	22733	27.20	14.42	13.43		100	CM	Bulk
33-06-08	22737	34.12	06.58	08.45		100	CM	Bulk
34-00-00	22431	34.10				100	Mat	Bulk
35-08-06	22736	35.58	08.59	07.22		103	CM	Bulk
46-00-00	22434	46.08				100	Mat	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		100.94	101.47	99.07				
ALL SAMPLES, CV, %		1.59	6.60	5.17				
NUMBER OF ANALYSIS		15	13	14				
Deficiency Rate -	17.64 %							
CF INDUSTRIES, INC.		LONG GROVE		IL				
28-00-00	25516	27.53				98	Mat	Liq
28-00-00	25518	27.89				99	Mat	Liq
CAMPBELLSVILLE CROP SERVICE		CAMPBELLSVILL		KY				
17-17-17	23465	16.59	18.18	19.63		101	CM	Bulk
19-13-24	23467	17.71	13.50	25.89		99	CM	Bulk
19-19-19	23469	18.05	21.14	19.18		101	CM	Bulk
19-19-19	23470	18.13	20.47	19.60		100	CM	Bulk
20-15-15	23464	19.39	16.19	15.81		101	CM	Bulk
21-08-17	23461	21.72	08.14	17.76		100	CM	Bulk
21-14-14	23466	20.92	15.58	13.53		102	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P205	K20	XS CL	RV	TYPE	FORM
CAMPBELLSVILLE CROP SERVICE		CAMPBELLSVILL		KY				
22-03-17	23468	22.02	03.64	19.72		102	CM	Bulk
23-11-11	23462	23.53	11.14	11.84		99	CM	Bulk
26-08-08	23463	26.52	08.63	08.40		100	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		97.13	104.04	104.01				
ALL SAMPLES, CV, %		3.64	5.27	4.58				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate -		0.00 %						
CARGILL		RIVERVIEW		FL				
00-00-50	23609			50.60		101	Mat	Bulk
46-00-00	22498	45.96				99	Mat	Bulk
CARROLL CO. FARM BUREAU		CARROLLTON		KY				
09-18-28	24941	09.00	17.91	29.54		100	CM	Bulk
19-19-19	23672	18.41	20.11	19.23		99	CM	Bulk
20-12-18	24943	20.64	13.64	18.65		100	CM	Bulk
22-11-17	24939	22.22	12.32	17.84		99	CM	Bulk
22-11-17	24940	22.13	12.33	18.29		100	CM	Bulk
23-11-16	24942	23.50	12.31	16.28		99	CM	Bulk
23-11-17	24938	23.28	11.89	17.57		100	CM	Bulk
CASH VARIETY STORE		LORETTO		KY				
00-00-60	24293			60.57		100	Mat	Bulk
00-00-60	25427			60.20		100	Mat	Bulk
18-46-00	24294	16.86	45.55			97	Mat	Bulk
18-46-00	25426	17.59	45.44			98	Mat	Bulk
46-00-00	24295	45.96				99	Mat	Bulk
46-00-00	25425	45.96				99	Mat	Bulk
CAYCE, THOMAS FARM SUPPLY		PRINCETON		KY				
00-00-60	22521			60.74		101	Mat	Bulk
00-46-00	22522		46.18			100	Mat	Bulk
07-18-19	22021	07.45	18.85	19.72		100	CM	Bulk
09-24-25	22022	09.02	23.97	25.44		99	CM	Bulk
10-26-26	22018	09.83	25.77	26.70		99	CM	Bulk
10-26-26	22019	09.86	25.76	26.14		98	CM	Bulk
10-26-26	22020	09.71	26.13	25.74		99	CM	Bulk
10-27-24	23363	09.96	27.82	24.47		99	CM	Bulk
14-36-12	23359	13.84	36.63	12.23		99	CM	Bulk
17-25-16	23360	16.38	25.75	18.26		99	CM	Bulk
17-25-16	23361	16.96	26.27	17.40		100	CM	Bulk
17-25-16	23362	16.45	25.08	18.42		98	CM	Bulk
18-46-00	22519	17.57	45.42			98	Mat	Bulk
28-10-14	23364	28.33	11.23	14.25		100	CM	Bulk
46-00-00	22520	45.77				99	Mat	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		97.67	99.56	102.21				
ALL SAMPLES, CV, %		2.37	1.58	2.82				
NUMBER OF ANALYSIS		13	13	12				
Deficiency Rate -		0.00 %						
CECILIA FARM SERVICE		CECILIA		KY				
00-00-60	23454			60.78		101	Mat	Bulk
07-20-30	23444+	07.70	21.56	30.91		102	CM	Bulk
09-24-24	23447+	09.26	24.37	26.02		99	CM	Bulk
10-27-24	23448	10.24	26.91	25.15		99	CM	Bulk
14-14-29	23450	14.74	16.84	28.11		103	CM	Bulk
18-46-00	22332	17.68	45.56			98	Mat	Bulk
19-19-19	23446	18.49	20.49	19.92		101	CM	Bulk
19-19-19	23449	17.38*	20.99	20.27		100	CM	Bulk
19-19-19	23452	18.12	21.08	19.84		101	CM	Bulk
21-07-11	25349	25.01	04.98*	12.00		102	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
CECILIA FARM SERVICE		CECILIA		KY				
22-17-16	23453	21.45	17.70	18.79		101	CM	Bulk
22-17-17	23451	21.46	18.61	17.69		101	CM	Bulk
25-13-12	25350	24.90	11.60*	14.03		98	CM	Bulk
25-15-15	23445	25.23	15.52	14.86		100	CM	Bulk
46-00-00	22331	45.99				99	Mat	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		98.21	101.78	102.54				
ALL SAMPLES, CV, %		6.32	11.96	3.70				
NUMBER OF ANALYSIS		14	13	13				
Deficiency Rate -		20.00 %						
CELEX CORPORATION		PLYMOUTH		MI				
27-02-02	24422+	27.09	02.14	02.06		100	Blend	Liq
CEN. FARMERS SUP. OF GREEN CO.		GREENSBURG		KY				
00-00-60	22546			60.95		101	Mat	Bulk
17-17-17	22824	17.48	17.26	18.54		99	CM	Bulk
17-17-17	22828	17.52	16.98	18.75		99	CM	Bulk
18-46-00	22545	17.43	45.39			98	Mat	Bulk
19-19-19	22818	19.01	19.86	19.51		100	CM	Bulk
19-19-19	22827	18.43	19.03	20.53		99	CM	Bulk
19-19-19	22829	19.18	19.63	19.50		100	CM	Bulk
20-15-15	22822	20.12	15.14	14.67		99	CM	Bulk
21-09-14	25062	20.44	09.58	14.48		98	CM	Bulk
21-12-12	25083	20.20	12.81	12.80		99	CM	Bulk
24-10-10	22817	24.31	10.76	10.65		100	CM	Bulk
24-10-10	22825	24.56	11.10	10.47		102	CM	Bulk
28-13-13	22826	27.67	12.48	14.18		99	CM	Bulk
32-09-09	22823	31.22	09.87	10.76		98	CM	Bulk
34-00-00	22547	34.15				100	Mat	Bulk
46-00-00	22544	45.99				99	Mat	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		98.42	99.74	102.63				
ALL SAMPLES, CV, %		1.70	3.24	3.31				
NUMBER OF ANALYSIS		15	13	13				
Deficiency Rate -		0.00 %						
CHEVRON CHEM CO-AG. PROD. DIV.		RICHMOND		CA				
23-19-17	24999+	22.53	19.39	18.78		102	Blend	Bag
CLEMENTS AGRI SUPPLY		SPRINGFIELD		KY				
00-00-60	22923			59.82		99	Mat	Bulk
08-16-30	25100	09.32	16.84	28.25*		98	CM	Bulk
09-09-09	25101	08.85*	09.99	11.85		102	CM	Bulk
15-07-23	25102	16.49	05.86*	23.24		99	CM	Bulk
26-05-16	25068+	25.16	05.69	17.68		102	CM	Bulk
31-09-10	25103	30.96	08.96	09.64		98	CM	Bulk
46-00-00	22922	45.59				99	Mat	Bulk
COLES LIME FERTILIZER		HAZEL		KY				
05-13-17	22037	05.50	12.58	15.83*		96*	CM	Bulk
11-28-23	24355	10.32	26.89	24.48		97	CM	Bulk
11-28-23	24356	10.40	26.83	24.97		98	CM	Bulk
16-15-20	23345	16.77	16.73	21.70		103	CM	Bulk
17-15-16	24781	17.06	14.39	17.89		100	CM	Bulk
20-13-14	23346	20.50	13.76	15.33		99	CM	Bulk
20-13-14	23347	20.32	13.01	15.24		97	CM	Bulk
32-00-00	23344	32.14				100	Mat	Liq
CORBIN FARM & GARDEN CENTER		CORBIN		KY				
06-12-12	24336	05.60	13.23	12.82		105	Blend	Bag
10-10-10	24335	11.04	10.59	10.90		108	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P205	K20	XS CL	RV	TYPE	FORM
CORBIN FARM & GARDEN CENTER		CORBIN		KY				
19-19-19	24334	19.28	18.59	19.40		100	Blend	Bag
CRITTENDEN FARM SUPPLY		MARION		KY				
09-23-30	23490	08.84	23.50	30.03		100	CM	Bulk
10-26-25	24987	10.72	28.18	22.95*		101	CM	Bulk
10-26-25	24988	09.37	25.53	27.26		99	CM	Bulk
17-17-19	23486	17.15	17.46	20.65		100	CM	Bulk
CROP PRODUCTION SVC		POOLE		KY				
04-10-15	25287	05.11	11.78	15.51		107	CM	Bulk
09-23-30	25275	09.22	24.53	28.76		102	CM	Bulk
09-23-30	25276	08.98	23.41	29.95		100	CM	Bulk
09-23-30	25286	08.26	22.12	31.80		99	CM	Bulk
19-09-12	25277	19.11	09.77	13.14		100	CM	Bulk
CROP PRODUCTION SVC		CADIZ		KY				
08-28-25	21985	08.27	27.88	25.66		99	CM	Bulk
08-28-25	21986	08.25	28.08	26.03		100	CM	Bulk
08-28-25	21987	08.43	27.62	26.05		99	CM	Bulk
08-28-25	21988	08.00	29.19	24.83		101	CM	Bulk
24-20-12	23223	23.43	20.68	12.18		99	CM	Bulk
26-11-11	23900+	25.94	11.49	11.50		97	CM	Bulk
26-11-11	23901+	26.41	11.33	12.16		99	CM	Bulk
26-11-11	23902+	26.30	11.81	11.74		99	CM	Bulk
26-11-11	23903+	25.62	11.11	11.96		97	CM	Bulk
29-11-11	23224	28.83	11.69	12.01		98	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		98.14	99.94	100.20				
ALL SAMPLES, CV, %		1.85	2.71	2.01				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate -		0.00 %						
CROP PRODUCTION SVC		CLARKSON		KY				
10-26-25	23499	09.59	26.12	25.74		98	CM	Bulk
15-10-15	25479+	15.48	09.82	15.02		100	CM	Bulk
17-17-17	22952	17.30	19.05	19.02		104	CM	Bulk
17-17-17	23495	17.22	16.17	19.14		100	CM	Bulk
18-17-18	25486	18.06	17.72	18.85		100	CM	Bulk
18-18-18	23497	18.06	18.54	20.78		100	CM	Bulk
19-19-19	23496	19.13	19.58	20.49		103	CM	Bulk
19-19-19	23498	19.09	18.87	20.15		101	CM	Bulk
19-19-19	23501	17.90	18.91	21.01		100	CM	Bulk
24-16-16	23494	23.30	15.38	17.20		98	CM	Bulk
24-16-16	23500	23.93	15.85	16.00		99	CM	Bulk
28-12-12	22953	27.22	13.64	13.99		102	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		98.14	99.99	106.17				
ALL SAMPLES, CV, %		2.87	4.19	4.01				
NUMBER OF ANALYSIS		12	12	12				
Deficiency Rate -		0.00 %						
CROP PRODUCTION SVC		CLAY		KY				
07-18-30	24981	06.77	18.76	29.97		99	CM	Bulk
07-18-36	24977	06.31*	18.55	36.60		99	CM	Bulk
07-18-36	24978	06.25*	18.31	36.38		98	CM	Bulk
09-23-30	24535	09.00	23.72	29.47		100	CM	Bulk
09-23-30	24975	08.36	23.65	30.02		100	CM	Bulk
09-23-30	24976	07.87*	24.15	29.79		100	CM	Bulk
09-23-30	24983	08.98	23.80	29.41		100	CM	Bulk
09-23-30	24984	08.51	23.40	30.02		99	CM	Bulk
09-23-30	24985	08.44	22.63	31.03		99	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
CROP PRODUCTION SVC		CLAY		KY				
Statistical Analysis for Grade : 09-23-30								
Number Samples This Grade : 6								
Average Analysis :								
		8.52	23.55	29.95		100.2		
CV, %								
		4.96	2.18	1.95				
26-12-15	24536	27.41	11.56	14.58*		98	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE								
		96.14	101.79	99.59				
ALL SAMPLES, CV, %								
		5.79	2.80	2.97				
NUMBER OF ANALYSIS								
		10	10	10				
Deficiency Rate - 40.00 %								
CROP PRODUCTION SVC		GALESBURG		IL				
00-00-50	22615			51.21		102	Mat	Bulk
00-00-50	24982			50.37		100	Mat	Bulk
00-00-60	22104			60.67		101	Mat	Bulk
00-00-60	22301			60.57		100	Mat	Bulk
00-00-60	22337			60.69		101	Mat	Bulk
00-00-60	22439			60.76		101	Mat	Bulk
00-00-60	22455			60.29		100	Mat	Bulk
00-00-60	22492			60.60		101	Mat	Bulk
00-00-60	22536			60.41		100	Mat	Bulk
00-00-60	22561			61.15		101	Mat	Bulk
00-00-60	22613			60.34		100	Mat	Bulk
00-00-60	22696			60.32		100	Mat	Bulk
00-00-60	23852			61.30		102	Mat	Bulk
00-00-60	23927			61.05		101	Mat	Bulk
00-00-60	24539			60.39		100	Mat	Bulk
Statistical Analysis for Grade : 00-00-60								
Number Samples This Grade : 13								
Average Analysis :								
		.00	.00	60.65		101.0		
CV, %								
		.00	.00	.54				
00-46-00	22325		46.38			100	Mat	Bulk
00-46-00	22438		45.83			99	Mat	Bulk
00-46-00	22535		46.43			100	Mat	Bulk
10-34-00	24359	10.18	33.71			99	Mat	Liq
10-34-00	24979	09.82	33.75			99	Mat	Liq
10-50-00	22132	10.50	50.31			101	Mat	Bulk
11-52-00	22103	11.16	52.71			101	Mat	Bulk
11-52-00	24986	10.66	52.11			99	Mat	Bulk
18-46-00	22437	17.78	45.96			99	Mat	Bulk
18-46-00	22454	17.62	46.36			100	Mat	Bulk
18-46-00	22490	17.71	46.79			100	Mat	Bulk
18-46-00	22614	17.68	45.67			99	Mat	Bulk
18-46-00	23851	17.69	45.79			99	Mat	Bulk
18-46-00	23926	17.45	46.36			99	Mat	Bulk
18-46-00	23937	17.54	46.36			99	Mat	Bulk
18-46-00	24538	17.49	45.81			98	Mat	Bulk
18-46-00	25187	17.69	46.25			99	Mat	Bulk
Statistical Analysis for Grade : 18-46-00								
Number Samples This Grade : 9								
Average Analysis :								
		17.62	46.15	.00		99.7		
CV, %								
		.63	.79	.00				
28-00-00	24980	28.04				100	Mat	Liq
28-00-00	25116	28.09				100	Mat	Liq
28-00-00	25186	28.95				103	Mat	Liq
32-00-00	23222	31.45				98	Mat	Liq
32-00-00	25070	31.68				99	Mat	Liq
46-00-00	22324	45.60				99	Mat	Bulk
46-00-00	22436	45.92				99	Mat	Bulk
46-00-00	22456	46.08				100	Mat	Bulk
46-00-00	22491	46.05				100	Mat	Bulk
46-00-00	22616	46.18				100	Mat	Bulk
46-00-00	23850	45.87				99	Mat	Bulk
46-00-00	23925	46.04				100	Mat	Bulk
46-00-00	24537	45.99				99	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P205	K20	XS CL	RV	TYPE	FORM
CROP PRODUCTION SVC								
		GALESBURG		IL				
Statistical Analysis for Grade : 46-00-00								
Number Samples This Grade : 8								
Average Analysis :		45.96	.00	.00		99.9		
CV, %		.38	.00	.00				
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		99.57	100.33	101.15				
ALL SAMPLES, CV, %		1.90	.78	.61				
NUMBER OF ANALYSIS		27	17	15				
Deficiency Rate -		0.00 %						
CROP PRODUCTION SVC								
		HENDERSON		KY				
01-04-16	25069	02.06	05.34	15.72		105	CM	Bulk
04-20-35	22091	04.40	20.70	36.07		101	CM	Bulk
04-20-35	22092	04.37	21.16	35.47		101	CM	Bulk
04-20-35	22093	04.29	20.04	36.47		100	CM	Bulk
05-24-31	21939	05.01	23.00	33.59		98	CM	Bulk
05-24-31	21940	05.13	24.22	32.12		99	CM	Bulk
05-24-31	21941	04.95	23.09	33.25		98	CM	Bulk
05-24-31	21942	05.00	23.72	32.65		99	CM	Bulk
CROP PRODUCTION SVC								
		HODGENVILLE		KY				
00-15-40	23409		15.60	40.10		100	CM	Bulk
15-09-31	23408	14.92	09.17	33.50		99	CM	Bulk
15-15-23	25185	15.47	15.15	23.26		100	CM	Bulk
18-18-18	22537	18.71	18.70	20.69		101	CM	Bulk
19-19-19	23118	19.11	19.75	19.41		100	CM	Bulk
19-19-19	23126	18.46	18.75	21.55		99	CM	Bulk
19-19-19	23127	19.24	19.79	19.37		100	CM	Bulk
19-19-19	23129	18.72	19.60	20.39		100	CM	Bulk
20-15-20	23125	20.02	15.45	21.81		100	CM	Bulk
21-12-21	23407	21.14	12.57	22.47		99	CM	Bulk
22-11-22	23128	21.57	10.49	23.54		99	CM	Bulk
23-11-17	25184	23.55	12.16	16.71		100	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		97.97	99.72	103.71				
ALL SAMPLES, CV, %		2.26	3.21	4.06				
NUMBER OF ANALYSIS		11	12	12				
Deficiency Rate -		0.00 %						
CROP PRODUCTION SVC								
		HORSECAVE		KY				
00-15-37	22816+		16.22	37.22		102	CM	Bulk
10-17-26	22803+	09.91	18.39	26.75		100	CM	Bulk
10-17-26	22804+	10.59	17.01	26.93		99	CM	Bulk
11-19-26	22802	11.24	19.38	25.96		99	CM	Bulk
12-24-24	22810	12.14	24.50	24.77		100	CM	Bulk
14-14-21	24756+	15.01	13.34*	22.36		98	CM	Bulk
16-10-16	25084+	17.21	11.00	16.98		104	CM	Bulk
19-19-19	22805	19.30	19.29	19.33		100	CM	Bulk
21-24-12	22809	20.84	25.26	12.19		99	CM	Bulk
24-12-18	22808	23.86	11.53	18.31		97	CM	Bulk
29-11-11	22806	30.81	11.93	11.95		102	CM	Bulk
30-11-11	22807	30.21	11.73	11.67		101	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		100.15	100.05	100.97				
ALL SAMPLES, CV, %		3.47	4.12	1.68				
NUMBER OF ANALYSIS		11	12	12				
Deficiency Rate -		8.33 %						
CROP PRODUCTION SVC								
		LEITCHFIELD		KY				
10-25-26	23505	09.84	25.90	26.14		99	CM	Bulk
15-10-15	25264	14.03	10.10	15.86		100	CM	Bulk
17-17-23	23510	16.97	17.93	23.66		100	CM	Bulk
18-18-18	23504	18.96	19.51	20.11		102	CM	Bulk
18-25-15	23509	18.15	27.13	14.58		100	CM	Bulk
19-19-19	23502	18.21	19.62	20.56		101	CM	Bulk
19-19-19	23503	19.57	20.93	18.21		104	CM	Bulk

TABLE 1. 19-19-19 23506 18.53 20.77 19.63 103 CM Bulk
 (Continued)

GRADE	NUM	N	P205	K20	XS CL	RV	TYPE	FORM
CROP PRODUCTION SVC		LEITCHFIELD		KY				
19-19-19	23507	18.73	20.34	19.58		103	CM	Bulk
19-19-19	23508	19.19	19.69	19.52		102	CM	Bulk
19-19-19	23511	19.39	19.78	19.58		103	CM	Bulk
Statistical Analysis for Grade : 19-19-19								
Number Samples This Grade : 6								
Average Analysis :		18.93	20.18	19.51		103.0		
CV, %		2.80	2.84	3.84				
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		98.55	104.28	102.51				
ALL SAMPLES, CV, %		2.92	3.33	3.59				
NUMBER OF ANALYSIS		11	11	11				
Deficiency Rate -		0.00 %						
CROP PRODUCTION SVC		MADISONVILLE		KY				
09-23-30	24843	08.64	22.71	30.47		99	CM	Bulk
09-23-30	24844	08.52	22.68	30.33		98	CM	Bulk
09-23-30	25282	09.06	24.09	29.31		101	CM	Bulk

(Continued on next page)

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
CROP PRODUCTION SVC		MADISONVILLE		KY				
09-23-30	25283	08.95	23.72	29.80		101	CM	Bulk
09-23-30	25284	08.64	23.14	30.84		100	CM	Bulk
09-23-30	25285	08.70	23.04	30.78		100	CM	Bulk
Statistical Analysis for Grade : 09-23-30								
Number Samples This Grade : 6								
Average Analysis :		8.75	23.23	30.25		100.3		
CV, %		2.37	2.43	1.96				
28-00-17	24990	27.21		17.43		97	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		96.77	101.00	100.92				
ALL SAMPLES, CV, %		2.23	2.43	1.82				
NUMBER OF ANALYSIS		7	6	7				
Deficiency Rate -		0.00 %						
CROP PRODUCTION SVC		MORGANFIELD		KY				
03-17-40	22133	03.78	17.97	40.36		102	CM	Bulk
03-17-40	22134	03.56	17.28	40.93		100	CM	Bulk
04-19-37	22101	04.14	20.54	37.81		103	CM	Bulk
04-22-33	22099	05.02	24.65	32.83		103	CM	Bulk
04-22-33	22100	05.07	23.48	33.31		101	CM	Bulk
04-22-33	22102	07.67	18.79*	35.83		98	CM	Bulk
05-25-30	22135	05.42	26.29	30.40		101	CM	Bulk
07-37-17	22006	07.76	37.95	16.84		101	CM	Bulk
CROP PRODUCTION SVC		PEMBROKE		KY				
09-24-16	23218+	10.08	25.61	17.26		103	CM	Bulk
10-30-20	21945	10.82	31.15	20.73		100	CM	Bulk
10-30-20	21946	10.61	30.70	20.87		99	CM	Bulk
10-30-20	21947	10.60	30.77	20.98		99	CM	Bulk
19-19-19	22939	18.25	18.23	21.49		98	CM	Bulk
19-22-16	24358	19.50	23.44	16.21		101	CM	Bulk
24-17-14	24357	22.87	16.70	16.81		99	CM	Bulk
29-12-10	24361	29.61	13.18	10.79		100	CM	Bulk
31-08-11	24360	27.47*	09.94	11.92		94*	CM	Bulk
CROP PRODUCTION SVC		RUSSELLVILLE		KY				
07-19-21	23933+	07.97	20.01	20.53		99	CM	Bulk
09-23-21	23939+	09.10	23.49	21.78		101	CM	Bulk
09-23-21	23940+	09.01	23.76	20.86		100	CM	Bulk
09-30-20	21997	09.06	30.44	20.39		100	CM	Bulk
09-30-20	21998	08.56	30.62	20.35		99	CM	Bulk
17-18-18	23153+	17.49	16.02*	16.00*		92*	CM	Bulk
19-19-19	23934	18.81	18.98	20.68		100	CM	Bulk
19-19-19	23938	19.54	19.37	19.15		100	CM	Bulk
20-22-14	23936	20.25	22.03	15.73		99	CM	Bulk
28-15-00	23935+	27.04	15.82			98	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		99.00	99.40	99.68				
ALL SAMPLES, CV, %		2.84	4.81	5.29				
NUMBER OF ANALYSIS		10	10	9				
Deficiency Rate -		10.00 %						
CROP PRODUCTION SVC		WAVERLY		KY				
02-09-48	22012	02.03	09.77	48.90		100	CM	Bulk
04-22-33	22007	04.66	22.13	34.77		99	CM	Bulk
04-22-33	22008	04.97	23.65	32.79		101	CM	Bulk
04-22-33	22010	04.79	22.46	34.41		100	CM	Bulk
04-22-33	22011	04.56	21.87	34.80		98	CM	Bulk
05-25-31	22009	05.25	24.45	32.15		99	CM	Bulk
CUB RUN MILLING CO.		CUB RUN		KY				
05-29-21	23096	05.43	29.99	21.84		101	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P205	K20	XS CL	RV	TYPE	FORM
CUB RUN MILLING CO.		CUB RUN		KY				
17-17-17	23095	17.99	18.35	17.88		102	CM	Bulk
17-17-17	23097	17.80	18.10	17.65		100	CM	Bulk
17-17-17	23098	18.01	18.06	18.49		102	CM	Bulk
17-17-17	23101	18.02	17.09	18.76		100	CM	Bulk
19-19-19	23099	19.35	20.23	19.33		101	CM	Bulk
19-19-19	23100	19.85	18.82	19.79		100	CM	Bulk
19-19-19	23102	19.14	19.79	19.53		100	CM	Bulk
19-19-19	23103	19.69	19.05	19.84		100	CM	Bulk
21-13-13	22651	11.52*	12.51	32.34		103	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		94.87	100.59	111.90				
ALL SAMPLES, CV, %		15.66	3.76	37.58				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate -		10.00 %						
DABNEY FEED SUPP OF SOMERSET		SOMERSET		KY				
19-19-19	23877	18.66	19.29	20.39		101	CM	Bulk
19-19-19	23878	18.39	18.39	21.61		100	CM	Bulk
19-19-19	23879	18.94	20.28	19.65		103	CM	Bulk
19-19-19	23880	18.16	19.28	20.90		101	CM	Bulk
19-19-19	23881	17.56	18.58	21.64		99	CM	Bulk
Statistical Analysis for Grade : 19-19-19								
Number Samples This Grade :		5						
Average Analysis :		18.34	19.16	20.83		101.4		
CV, %		2.86	3.88	4.05				
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		96.53	100.86	109.67				
ALL SAMPLES, CV, %		2.86	3.88	4.05				
NUMBER OF ANALYSIS		5	5	5				
Deficiency Rate -		0.00 %						
DABNEY FEED SUPP OF WILLAILLA		BRODHEAD		KY				
17-00-37	23886	16.59		38.63		100	CM	Bulk
18-18-18	23885	17.09	17.99	21.46		100	CM	Bulk
18-18-18	23888	18.41	18.78	21.66		102	CM	Bulk
18-18-18	23893	18.49	19.22	20.03		102	CM	Bulk
19-19-19	23882	18.36	18.12	21.84		100	CM	Bulk
19-19-19	23887	18.30	17.92	22.25		100	CM	Bulk
19-19-19	23889	18.64	19.23	20.28		101	CM	Bulk
19-19-19	23890	18.49	18.36	21.60		101	CM	Bulk
19-19-19	23891	18.77	18.67	20.60		100	CM	Bulk
19-19-19	23892	18.39	18.28	21.25		100	CM	Bulk
Statistical Analysis for Grade : 19-19-19								
Number Samples This Grade :		6						
Average Analysis :		18.49	18.43	21.30		100.7		
CV, %		.97	2.52	3.52				
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		96.99	98.04	110.70				
ALL SAMPLES, CV, %		1.76	2.85	4.33				
NUMBER OF ANALYSIS		10	9	10				
Deficiency Rate -		0.00 %						
DAVIESS COUNTY FARM SUPPLY		OWENSBORO		KY				
00-15-40	25355		14.57	40.17		98	CM	Bulk
08-22-29	22050	08.34	22.43	29.63		100	CM	Bulk
09-23-25	25353	09.14	24.29	23.93		100	CM	Bulk
09-23-25	25356	08.47	23.06	25.54		100	CM	Bulk
09-23-30	24362	08.36	22.49	31.02		99	CM	Bulk
09-23-30	24364	09.02	23.12	29.91		100	CM	Bulk
11-11-11	24363	11.43	11.73	12.06		103	CM	Bulk
17-17-16	25352	16.31	18.19	16.54		100	CM	Bulk
19-18-18	25354	19.14	19.33	19.23		101	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
DFC AGROTECH 10-04-03	25000	SHERMAN 10.54	TX 04.25	04.12		109	Blend	Liq
DIAMOND ASSOC 04-03-03	22166+	HOPKINSVILLE 03.19*	KY 02.85	02.31*		84*	Mat	Bag
DOMESTIC FERTILIZER INC. 10-13-13	23253+	PARIS 14.59	KY 20.04	13.73		138	Blend	Bag
DRAGON CORPORATION 03-12-04 08-08-08 10-10-10 10-10-10	24058+ 25384+ 24413+ 25383+	ROANOKE 03.11 06.79* 09.06* 11.09	VA 10.86* 09.02 10.38 12.38	04.52 06.61* 09.11* 11.67		95* 95* 96* 117	Blend Blend Blend Blend	Liq Bag Bag Bag
DRAKES FARM SERVICE 15-22-22 15-22-22 15-22-22 19-13-19 19-19-19 22-16-16 25-10-18 25-10-18 26-08-17 27-09-16 30-06-15	24820 24821 24823 24819 24822 24327 24829 24831 24826 24827 24828	MORGANTOWN 15.86 15.34 14.63 19.45 18.99 24.10 26.34 25.02 27.20 28.83 30.15	KY 22.67 22.49 22.27 12.93 19.16 17.44 09.82 10.55 08.94 08.84 05.53	21.41 22.05 22.82 19.69 18.40 13.98* 17.87 18.21 16.90 15.70 15.28		100 99 99 99 99 99 99 99 99 99 97	CM CM CM CM CM CM CM CM CM CM CM	Bulk Bulk Bulk Bulk Bulk Bulk Bulk Bulk Bulk Bulk Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		101.31	99.12	96.48				
ALL SAMPLES, CV, %		3.25	4.14	5.30				
NUMBER OF ANALYSIS		11	11	11				
Deficiency Rate -		9.09 %						
EASY GARDNER 08-24-08 08-24-08 16-04-04	21745+ 22679+ 22678+	WACO 11.27 11.48 16.91	TX 22.60 25.53 05.60	09.63 08.56 05.71		107 113 116	Blend Blend Blend	Bag Bag Bag
ELKTON CROP SERVICE 10-26-25 10-27-23 11-09-12 15-09-14 15-09-14 15-09-14 15-09-14 21-09-19 22-19-15 26-12-16	24135 25104+ 24371+ 24763 24764 24765 24766 24373 24134 24767	GUTHRIE 09.94 10.65 11.26 15.19 14.53 14.41 15.59 20.57 23.55 24.33*	KY 26.95 27.71 09.75 09.34 08.87 09.23 09.15 09.71 18.14 12.74	25.63 22.82 13.38 14.38 14.62 14.61 14.73 20.78 14.90 18.60		100 100 101 100 98 99 102 102 99 100	CM CM CM CM CM CM CM CM CM CM	Bulk Bulk Bulk Bulk Bulk Bulk Bulk Bulk Bulk Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		96.99	99.92	103.75				
ALL SAMPLES, CV, %		3.55	2.92	5.17				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate -		10.00 %						
ESCO 12-00-00 16-16-16	24549+ 24548+	DALLAS 14.54 15.74	TX 14.44*	15.94		121 95*	Mat Blend	Bag Bag
THE ESPOMA COMPANY 04-06-06	24057+	MILLVILLE 04.15	NJ 07.38	05.75		110	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P205	K20	XS CL	RV	TYPE	FORM
FAIRPLAY FERTILIZER		FAIRPLAY		KY				
08-08-08	25300+	08.85	08.99	09.32		103	CM	Bulk
25-11-17	23525	23.80*	11.88	18.79		98	CM	Bulk
25-11-17	23527	24.24	11.52	20.33		101	CM	Bulk
28-09-09	23526	28.26	11.20	10.90		104	CM	Bulk
FARMERS FERTILIZER CO. KELLY RD		BOWLING GREEN		KY				
08-21-28	23386	08.26	20.64	30.54		98	CM	Bulk
09-09-09	23392	09.02	09.32	09.38		100	CM	Bulk
12-09-11	23384+	12.28	08.46	12.14		97	CM	Bulk
19-19-19	23388	17.91	20.92	18.66		101	CM	Bulk
20-20-16	23385	20.39	20.80	17.07		100	CM	Bulk
20-23-15	23389	19.91	23.81	15.04		100	CM	Bulk
25-18-12	23383	26.40	17.27	11.87		98	CM	Bulk
28-13-12	23387	28.68	13.40	13.42		101	CM	Bulk
32-23-00	23390	32.16	22.94			100	CM	Bulk
39-10-00	23391	39.24	11.57			101	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		99.15	100.43	103.08				
ALL SAMPLES, CV, %		2.58	5.88	4.32				
NUMBER OF ANALYSIS		10	10	8				
Deficiency Rate -		0.00 %						
FARMERS FERTILIZER CO. OLD NASHVL		BOWLING GREEN		KY				
09-09-09	23379	08.47	09.71	10.10		101	CM	Bulk
10-10-10	23371	09.81	10.55	10.05		101	CM	Bulk
19-19-19	23372	18.25	18.80	19.33		98	CM	Bulk
19-19-19	23373	17.84	18.83	20.45		99	CM	Bulk
19-19-19	23374	18.83	19.47	18.47		100	CM	Bulk
19-19-19	23376	18.84	18.59	19.09		98	CM	Bulk
26-16-12	23375	27.40	16.78	11.63		101	CM	Bulk
29-13-10	23370	29.62	12.89	10.80		99	CM	Bulk
30-10-10	23378	31.45	10.32	10.90		105	CM	Bulk
32-09-09	23377	39.08	11.30	00.15*		103	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		102.59	101.64	94.91				
ALL SAMPLES, CV, %		7.82	5.71	34.91				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate -		10.00 %						
FARMERS FERTILIZER CO.		SMITHS GROVE		KY				
00-00-50	24621			50.70		101	Mat	Bulk
17-17-17	22788	17.26	17.60	19.11		103	CM	Bulk
19-19-19	22785	20.76	17.46*	19.44		97	CM	Bulk
19-19-19	22919	19.40	17.84	20.29		99	CM	Bulk
19-19-19	22920	18.67	19.81	20.29		102	CM	Bulk
19-19-19	23404	19.13	19.42	19.07		101	CM	Bulk
19-19-19	23405	19.13	19.59	20.03		102	CM	Bulk
19-19-19	23406	19.65	19.59	18.53		101	CM	Bulk
Statistical Analysis for Grade : 19-19-19								
Number Samples This Grade : 6								
Average Analysis :		19.45	18.95	19.60		101.0		
CV, %		3.68	5.39	3.66				
22-26-09	22921	22.04	26.67	10.46		100	CM	Bulk
30-10-10	22787	29.60	08.58*	11.07		97	CM	Bulk
30-10-10	22918	29.65	08.51*	14.69		102	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		100.50	98.20	105.94				
ALL SAMPLES, CV, %		2.41	7.97	12.30				
NUMBER OF ANALYSIS		10	10	11				
Deficiency Rate -		27.27 %						

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
FARMERS GIN COMPANY		CLINTON		KY				
00-00-60	21943			60.33		100	Mat	Bulk
05-13-17	22034	05.26	12.56	17.16		98	CM	Bulk
05-13-17	22055	05.60	14.12	18.20		103	CM	Bulk
05-14-18	22036	06.39	15.14	18.22		105	CM	Bulk
05-14-18	22054	05.66	14.20	18.91		101	CM	Bulk
09-23-30	22035	08.71	23.31	29.16		99	CM	Bulk
18-46-00	21944	17.36	46.17			99	Mat	Bulk
26-12-16	22858	25.86	12.73	16.71		101	CM	Bulk
26-12-16	22859	26.48	12.29	16.69		101	CM	Bulk
26-12-16	22860	26.44	13.35	16.22		103	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		100.38	101.95	100.92				
ALL SAMPLES, CV, %		5.80	3.96	2.33				
NUMBER OF ANALYSIS		9	9	9				
Deficiency Rate -		0.00 %						
FELTY CROP SERVICE		BEAVER DAM		KY				
07-19-20	25181	06.91	19.20	20.80		99	CM	Bulk
07-19-35	24240	07.68	20.03	34.11		101	CM	Bulk
07-19-35	24241	06.97	18.72	36.08		99	CM	Bulk
07-19-35	24242	07.35	19.35	34.82		99	CM	Bulk
16-18-23	24243	15.64	18.80	23.95		99	CM	Bulk
19-19-19	24117	18.76	17.91	21.41		100	CM	Bulk
19-19-19	24236	18.53	18.94	20.26		99	CM	Bulk
19-19-19	24238	18.91	19.37	20.14		100	CM	Bulk
23-15-15	24115	22.95	15.74	17.66		101	CM	Bulk
29-10-13	24237	28.54	11.10	13.46		100	CM	Bulk
32-09-09	24239	31.51	10.28	11.31		101	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		96.65	100.93	103.00				
ALL SAMPLES, CV, %		2.89	4.30	5.87				
NUMBER OF ANALYSIS		11	11	11				
Deficiency Rate -		0.00 %						
FLEMING CO. FARM SUPPLY		FLEMINGSBURG		KY				
00-00-51	23648			50.63		99	Mat	Bulk
00-00-61	23649			62.57		102	Mat	Bulk
00-00-61	23805			62.47		102	Mat	Bulk
10-26-26	23651	10.03	26.80	26.16		100	CM	Bulk
18-46-00	23646	17.67	46.42			100	Mat	Bulk
19-19-18	23323	17.83	18.68	22.40		101	CM	Bulk
19-19-19	23319	19.32	19.74	20.05		100	CM	Bulk
19-19-19	23320	19.42	19.66	20.10		101	CM	Bulk
19-19-19	23321	18.47	21.31	19.29		101	CM	Bulk
19-19-19	23322	18.68	18.99	21.15		99	CM	Bulk
19-19-19	23325	19.75	19.70	19.30		100	CM	Bulk
19-19-19	23326	18.65	20.72	19.83		101	CM	Bulk
Statistical Analysis for Grade : 19-19-19								
Number Samples This Grade :		6						
Average Analysis :		19.04	20.02	19.95		100.9		
CV, %		2.71	4.19	3.43				
25-08-08	23327	24.89	07.72	09.93		100	CM	Bulk
25-09-09	23324	25.42	08.68	10.07		100	CM	Bulk
25-09-09	23343	25.32	10.86	09.23		104	CM	Bulk
33-00-00	23650	34.04				101	Mat	Bulk
34-00-00	23806	33.48				98	Mat	Bulk
46-00-00	23647	46.01				100	Mat	Bulk
46-00-00	23803	45.85				99	Mat	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		98.76	101.76	103.47				
ALL SAMPLES, CV, %		2.41	6.77	6.84				
NUMBER OF ANALYSIS		16	12	14				
Deficiency Rate -		0.00 %						

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
FRANKLIN CROP SERVICE		FRANKLIN		KY				
07-18-15	22061	07.21	17.47	18.41		103	CM	Bulk
08-20-26	22062	07.63	21.65	26.74		101	CM	Bulk
08-20-26	22064	07.46	20.60	27.16		99	CM	Bulk
08-20-27	23744+	09.48	19.40*	27.60		98	CM	Bulk
08-21-31	22058	08.38	22.45	30.50		100	CM	Bulk
09-23-30	22063	08.26	22.76	29.44		97	CM	Bulk
11-29-07	22094+	10.88	29.53	07.42		98	CM	Bulk
19-18-20	22557	18.90	18.87	21.58		101	CM	Bulk
19-18-20	22558	18.41	19.34	21.14		101	CM	Bulk
19-18-20	22559	18.57	20.10	20.62		102	CM	Bulk
24-13-17	23745	24.78	15.01	17.00		103	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		97.59	101.85	101.83				
ALL SAMPLES, CV, %		5.53	5.21	5.99				
NUMBER OF ANALYSIS		11	11	11				
Deficiency Rate -		9.09 %						
FREE FLOW FERTILIZER CO.		MAUMEE		OH				
10-10-10	23846	09.41	09.73	10.74		98	Blend	Bag
15-30-15	25385+	13.87	30.83	17.01		102	Blend	Bag
FRIT INDUSTRIES		OZARK		AL				
00-00-00	22693+						Mnfr	Bag
00-00-00	22841+						Mat	Bag
00-00-00	22857+						Mat	Bag
00-00-00	22972+						Mat	Bag
00-00-00	23912+						Mnfr	Bag
00-00-00	24402+						Mat	Bag
00-00-00	24403+						Mat	Bag
00-00-00	24614+						Mat	Bag
00-00-00	24673+						Mat	Bag
00-00-00	25099+						Blend	Bag
00-00-00	25299+						Mat	Bag
00-00-00	25521+						Mat	Bag
GAMALIEL BULK FERTILIZER INC		GAMALIEL		KY				
05-21-31	23028+	06.00	21.68	30.49		101	CM	Bulk
05-21-31	23029+	05.89	22.35	30.69		102	CM	Bulk
19-19-19	23030	19.86	18.37	20.15		99	CM	Bulk
19-19-19	23031	19.15	20.23	19.51		101	CM	Bulk
19-19-19	23032	19.79	21.32	18.25		103	CM	Bulk
21-15-20	23040	21.20	15.44	20.54		100	CM	Bulk
21-15-20	23131	20.40	15.87	21.03		100	CM	Bulk
21-15-20	23132	18.70*	21.78	19.31		108	CM	Bulk
22-07-15	23033	16.89*	07.97	26.32		105	CM	Bulk
22-07-15	23034	22.93	08.31	14.45		101	CM	Bulk
27-11-15	23026	27.51	11.60	15.15		100	CM	Bulk
27-11-15	23027	26.80	12.28	15.98		101	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		96.31	107.02	104.67				
ALL SAMPLES, CV, %		10.35	10.89	20.67				
NUMBER OF ANALYSIS		12	12	12				
Deficiency Rate -		16.66 %						
GLENDALE FARM SVC		GLENDALE		KY				
09-24-24	23425	09.20	23.86	24.69		100	CM	Bulk
12-31-17	23431	11.99	30.97	17.70		100	CM	Bulk
13-20-26	23433	13.22	20.90	26.76		101	CM	Bulk
17-14-25	23429	16.32	14.69	27.57		100	CM	Bulk
17-14-25	23430	16.42	14.26	27.81		100	CM	Bulk
19-15-22	23432	19.16	16.74	22.54		102	CM	Bulk
19-19-19	23428	19.22	19.61	19.07		99	CM	Bulk
20-00-21	25348	21.09		20.96		100	CM	Bulk
27-13-13	23426	27.23	13.90	14.48		101	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
GLENDALE FARM SVC		GLENDALE		KY				
27-13-13	23427	27.49	14.80	13.26		102	CM	Bulk
30-24-00	23424	30.79	25.83			101	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		98.80	102.50	102.57				
ALL SAMPLES, CV, %		2.25	3.00	3.87				
NUMBER OF ANALYSIS		11	10	10				
Deficiency Rate -		0.00 %						
GRANT CO FARM SUPPLY		DRY RIDGE		KY				
00-00-50	23835			50.39		100	Mat	Bulk
00-00-55	24447+			55.15		99	CM	Bulk
00-00-60	23849			60.92		101	Mat	Bulk
05-10-15	24682	04.93	09.74	15.40		100	Blend	Bag
09-23-30	24679	08.53	23.05	30.16		99	CM	Bag
10-10-10	23836	10.05	09.88	11.65		103	Blend	Bag
10-10-10	25470	11.09	10.35	10.33		106	Blend	Bag
16-12-28	25146	16.58	12.83	28.69		101	CM	Bag
17-10-28	25137	17.01	11.61	28.72		101	CM	Bulk
18-05-27	25148	17.79	06.16	28.33	*	101	CM	Bulk
18-09-26	25147+	18.74	10.12	25.62		101	CM	Bulk
18-46-00	23834	17.64	45.53			98	Mat	Bulk
19-19-19	24448	18.44	19.88	19.26		99	CM	Bulk
19-19-19	24449	18.87	20.58	19.02		101	CM	Bulk
19-19-19	24450	19.19	20.42	18.82		101	CM	Bulk
19-19-19	24683	18.43	18.67	20.30		98	CM	Bulk
21-15-20	24446	20.46	16.22	20.08		100	CM	Bulk
23-11-17	25138	22.20	12.22	17.94		101	CM	Bulk
26-05-18	25136	25.71	06.31	19.34		101	CM	Bulk
46-00-00	23833	45.90				99	Mat	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		98.03	102.57	101.25				
ALL SAMPLES, CV, %		3.93	3.84	4.18				
NUMBER OF ANALYSIS		17	16	18				
Deficiency Rate -		0.00 %						
GRAVES CO SOIL ASSN		MAYFIELD		KY				
00-00-60	22856			60.54		100	Mat	Bulk
05-13-17	22107	06.23	13.55	16.29		103	CM	Bulk
09-23-30	22108	09.58	23.75	31.12		103	CM	Bulk
09-23-30	24213	08.89	23.17	30.26		100	CM	Bulk
09-23-30	24214	09.06	23.89	29.55		101	CM	Bulk
09-23-30	24215	09.06	22.93	30.57		100	CM	Bulk
09-23-30	24216	09.16	23.17	29.89		100	CM	Bulk
09-23-30	24217	08.34	22.31	31.41		99	CM	Bulk
Statistical Analysis for Grade : 09-23-30								
Number Samples This Grade : 6								
Average Analysis :		9.01	23.20	30.46		101.0		
CV, %		4.47	2.47	2.34				
18-46-00	22855	17.58	46.01			99	Mat	Bulk
21-15-20	23051	22.47	15.71	19.06		101	CM	Bulk
21-15-20	23053	21.19	14.81	20.23		98	CM	Bulk
26-12-16	23052	26.37	11.91	15.88		99	CM	Bulk
34-00-00	22854	34.31				100	Mat	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		101.21	100.47	100.53				
ALL SAMPLES, CV, %		6.79	2.62	3.03				
NUMBER OF ANALYSIS		12	11	11				
Deficiency Rate -		0.00 %						
GREEN CHARGER FERT. CORP.		RICHMOND		VA				
04-16-04	22942	04.15	14.40*	04.63		94*	Blend	Bag
06-12-12	24629	05.69	12.29	13.30		103	Blend	Bag
06-24-24	24132	05.70	22.60	26.19		99	Mnfr	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P205	K20	XS CL	RV	TYPE	FORM
GREEN CHARGER FERT. CORP.		RICHMOND		VA				
06-24-24	24630	06.25	21.20*	23.66		93*	Blend	Bag
06-24-24	25461	06.00	23.66	25.46		101	Blend	Bag
10-10-10	22943	09.12	09.75	11.53		99	Blend	Bag
10-10-10	24207	10.07	10.15	10.08		101	Blend	Bag
10-10-10	24627	09.34	09.92	10.64		98	Blend	Bag
10-10-10	25460	10.61	10.44	10.36		104	Blend	Bag
10-20-20	23896	09.43	19.96	20.76		99	Blend	Bag
15-15-15	21958	14.71	15.41	15.04		100	Blend	Bag
15-15-15	22530+	14.91	14.82	16.51		103	Blend	Bag
15-15-15	24131	13.92	16.22	15.75		101	Blend	Bag
15-15-15	24208	16.12	15.82	15.39		105	Blend	Bag
15-15-15	24628	13.34*	15.53	15.31		98	Blend	Bag
Statistical Analysis for Grade : 15-15-15								
Number Samples This Grade : 5								
Average Analysis :								
		14.60	15.56	15.60		101.9		
CV, %								
		7.23	3.33	3.64				
19-19-19	22565	17.53	19.75	21.58		102	Blend	Bag
19-19-19	25459	18.25	19.41	20.17		100	Blend	Bag
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE 96.93 99.38 105.88								
ALL SAMPLES, CV, % 5.62 5.26 4.91								
NUMBER OF ANALYSIS 17 17 17								
Deficiency Rate - 17.64 %								
GREENLEAF PLANT FOOD INC		DANVILLE		KY				
00-00-60	24526			59.90		99	Mat	Bulk
05-10-10	23748	05.34	09.89	09.78		100	Blend	Bag
05-10-15	24248	04.50*	10.11	15.13		99	Blend	Bag
05-14-37	24707+	05.05*	14.22	37.15		97	CM	Bulk
05-20-20	23553	04.64	18.34*	22.14		98	Blend	Bag
06-12-12	23747	05.86	11.90	10.12*		94*	Blend	Bag
06-12-12	23997	05.62	11.65	09.97*		92*	Blend	Bag
09-18-27	25525	08.39	16.20*	28.65	*	99	Blend	Bag
10-10-10	22667	08.70*	08.98*	08.71*		88*	Blend	Bag
10-10-10	22924	08.90*	08.43*	09.06*		87*	Blend	Bag
10-10-10	23993	09.14	10.17	11.32		100	Blend	Bag
10-10-10	24091	09.66	09.77	10.88		100	Blend	Bulk
10-10-10	24518	11.30	09.14	16.35		116	Blend	Bag
Statistical Analysis for Grade : 10-10-10								
Number Samples This Grade : 5								
Average Analysis :								
		9.54	9.29	11.26		98.5		
CV, %								
		10.97	7.33	27.14				
10-20-20	22610	09.69	19.72	19.52		97	Blend	Bag
12-12-12	24527	12.09	11.58	13.08		101	Blend	Bag
12-24-24	23996	11.82	23.94	23.56		99	Blend	Bag
15-15-15	22609	14.33	15.03	14.43		97	Blend	Bag
15-15-15	23995	12.35*	13.34*	17.95		94*	Blend	Bag
15-15-15	24246	14.38	14.16	17.63		100	Blend	Bag
15-15-15	24247	14.54	14.34	14.42		96*	Blend	Bag
15-15-15	24516	16.68	16.11	13.62*		104	Blend	Bag
15-15-15	25314	14.27	14.66	16.17		101	Blend	Bag
Statistical Analysis for Grade : 15-15-15								
Number Samples This Grade : 6								
Average Analysis :								
		14.42	14.60	15.70		99.0		
CV, %								
		9.52	6.36	11.59				
16-11-30	25055	15.57	11.36	30.71		99	CM	Bulk
17-00-25	25052	16.72		26.57		101	CM	Bulk
17-00-33	24706+	17.55		34.28		102	CM	Bulk
18-46-00	24525	17.38	46.02			99	Mat	Bulk
19-19-19	22937	19.37	19.19	17.90		99	Blend	Bag
19-19-19	22938	18.18	19.22	19.07		99	Blend	Bag
19-19-19	23552	22.36	21.59	14.20*		105	Blend	Bag
19-19-19	23746	18.36	19.89	19.18		100	Blend	Bag
19-19-19	23994	18.27	20.42	18.47		101	Blend	Bag
19-19-19	24013	17.68	16.97*	22.61		97	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
GREENLEAF PLANT FOOD INC		DANVILLE		KY				
19-19-19	24014	19.08	20.04	18.57		101	Blend	Bag
19-19-19	24016	18.82	18.88	19.18		99	Blend	Bag
19-19-19	24245	18.51	19.86	18.58		100	Blend	Bag
19-19-19	24517	15.51*	14.35*	26.75		93*	Blend	Bag
19-19-19	24528	17.48*	18.32	21.34		98	Blend	Bag
19-19-19	24529	19.80	20.23	16.59*		101	Blend	Bulk
19-19-19	25315	20.36	22.92	13.48*		103	Blend	Bag
Statistical Analysis for Grade : 19-19-19								
Number Samples This Grade : 13								
Average Analysis :								
		18.75	19.37	18.91		100.2		
CV, %								
		8.60	10.81	18.03				
21-03-07	25056	21.68	03.69	07.66		101	CM	Bulk
22-13-07	25053+	22.29	12.89	07.09		98	CM	Bulk
22-20-00	24530	21.89	18.07*			94*	Blend	Bag
23-00-30	24704	21.47		31.30		98	CM	Bulk
30-09-12	24705	29.46	09.14	13.88		98	CM	Bulk
39-00-06	25054	39.26		06.85		99	CM	Bulk
46-00-00	24015	45.85				99	Mat	Bag
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE 97.79								
ALL SAMPLES, CV, % 7.12								
NUMBER OF ANALYSIS 45								
Deficiency Rate - 39.13 %								
GREENLIFE PRODUCTS		WEST POINT		VA				
05-20-10	21896	04.98	19.85	10.09		99	Blend	Liq
12-55-06	21744+	12.25	56.48	05.71		102	Blend	Bag
GREEN LIGHT CO		SAN ANTONIO		TX				
12-55-06	22405+	11.93	56.45	05.96		101	Blend	Bag
12-55-06	23847+	12.04	56.34	06.28		102	Blend	Bag
GREEN RIVER FEED MILL		MORGANTOWN		KY				
13-23-23	24322	12.13*	22.48	25.58		98	CM	Bulk
18-18-18	24326	18.10	18.15	19.11		100	CM	Bulk
19-19-19	24317	19.54	19.87	18.90		100	CM	Bulk
19-19-19	24318	18.32	19.29	21.47		100	CM	Bulk
19-19-19	24319	18.50	18.77	21.10		99	CM	Bulk
19-19-19	24320	17.44*	19.70	21.21		99	CM	Bulk
19-19-19	24321	18.64	17.21*	21.91		97	CM	Bulk
19-19-19	24323	18.39	19.53	19.79		99	CM	Bulk
19-19-19	24324	18.92	19.39	20.10		100	CM	Bulk
19-19-19	24325	18.54	19.68	20.62		100	CM	Bulk
Statistical Analysis for Grade : 19-19-19								
Number Samples This Grade : 8								
Average Analysis :								
		18.53	19.18	20.63		99.7		
CV, %								
		3.18	4.50	4.80				
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE 95.81								
ALL SAMPLES, CV, % 3.42								
NUMBER OF ANALYSIS 10								
Deficiency Rate - 30.00 %								
GRIFFIN INDUSTRIES INC		COLD SPRING		KY				
07-01-14	24310+	07.80	01.72	15.88		116	Mnfr	Bag
08-03-05	24308+	08.28	03.96	05.03		109	Mnfr	Bag
08-03-05	24311+	08.08	03.41	06.00		108	Mnfr	Bag
10-02-08	24309+	10.39	02.06	06.80*		97	Mnfr	Bag
10-02-08	24313+	09.69	02.69	07.30*		100	Mnfr	Bag
12-02-06	24312+	11.76	02.25	05.36*		97	Mnfr	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P205	K20	XS CL	RV	TYPE	FORM
GRO TEC INC		MADISON		GA				
06-10-10	21747+	06.39	09.69	09.87		99	Blend	Bag
06-12-00	22681+	05.90	13.89			110	Mat	Bag
08-12-04	22409+	08.01	11.62	03.62		97	Blend	Bag
08-16-16	21759	11.61	16.05	18.98		114	Blend	Bag
08-16-16	22583	11.56	17.65	17.99		118	Blend	Bag
09-12-12	22408+	09.29	12.74	12.36		104	Blend	Bag
10-06-08	24644+	13.21	05.54	07.79		111	Blend	Bag
12-00-00	22680+	11.41				95*	Mat	Bag
16-10-09	22410	16.27	08.78*	11.09		100	Blend	Bag
HANCOCK COUNTY FARM SUPPLY		HAWESVILLE		KY				
00-22-29	24233		23.09	30.93		102	CM	Bulk
04-19-19	24752	05.30	20.88	20.47		105	CM	Bulk
18-18-18	24716	18.75	20.48	16.99*		102	CM	Bulk
19-19-19	24227	19.49	19.76	19.97		101	CM	Bulk
19-19-19	24229	19.45	20.92	18.49		102	CM	Bulk
19-19-19	24231	19.00	19.87	19.78		101	CM	Bulk
19-19-19	24232	19.19	19.63	19.71		100	CM	Bulk
19-19-19	24235	19.35	19.96	19.29		101	CM	Bulk
19-19-19	24718	18.58	18.87	19.66		97	CM	Bulk
Statistical Analysis for Grade : 19-19-19								
Number Samples This Grade : 6								
Average Analysis :								
		19.17	19.83	19.48		100.8		
CV, %		1.79	3.32	2.74				
27-00-23	24234	26.23		24.38		97	CM	Bulk
28-12-12	24220	28.59	12.84	13.42		101	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		98.63	103.73	101.28				
ALL SAMPLES, CV, %		3.58	3.52	4.24				
NUMBER OF ANALYSIS		10	10	11				
Deficiency Rate -		9.09 %						
HARDINSBURG FARM SUPPLY		HARNED		KY				
14-07-10	25262	15.06	07.63	12.82		110	CM	Bulk
19-19-19	23706	19.44	19.82	18.97		100	CM	Bulk
19-19-19	23707	19.10	19.20	19.78		99	CM	Bulk
19-19-19	23708	19.06	19.77	19.84		100	CM	Bulk
19-19-19	23713	20.89	18.67	18.44		100	CM	Bulk
20-13-19	25261	20.73	12.68	20.14		100	CM	Bulk
20-14-18	21984	19.43	15.34	19.03		100	CM	Bulk
24-24-07	23709	24.21	25.35	07.58		99	CM	Bulk
27-13-13	23712	27.30	13.65	14.20		100	CM	Bulk
29-10-13	23705	29.41	09.82	13.68		99	CM	Bulk
29-11-11	23710	29.52	12.38	12.36		101	CM	Bulk
29-11-11	23711	30.24	12.50	11.24		101	CM	Bulk
33-09-09	23714	32.84	09.92	09.96		101	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		99.94	101.49	102.17				
ALL SAMPLES, CV, %		3.20	3.65	5.56				
NUMBER OF ANALYSIS		13	13	13				
Deficiency Rate -		0.00 %						
HELENA CHEMICAL COMPANY		MEMPHIS		TN				
07-14-07	24799	06.97	14.07	07.09		100	Mnfr	Liq
20-20-20	21900+	20.95	19.29	20.84		101	Blend	Bag
26-00-00	21762+	25.55				98	Mnfr	Liq
HOFFMAN A H INC		LANCASTER		PA				
03-10-06	24996	03.68	12.18	06.87		120	Blend	Bag
04-12-00	23252+	04.78	15.65			127	Mat	Bag
05-10-10	24546	04.65	09.58	09.79		95*	Blend	Bag
08-10-08	24997+	07.78	10.73	09.78		107	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
HOLLINGSWORTH FERT.								
		MT. HERMON	KY					
19-19-19	22901	19.92	19.53	19.47		101	CM	Bulk
41-07-00	23018	41.11	08.20			100	CM	Bulk
HOWARD JOHNSONS ENT INC								
		MILWAUKEE	WI					
12-12-12	24583	11.46	12.43	13.04		101	Blend	Bag
33-03-10	22687+	31.95	03.45	10.01		98	Blend	Bag
HYDRO AGRI N AMERICA								
		TAMPA	FL					
15-00-00	24599+	15.44				99	Mat	Bag
15-00-00	25517+	15.68				101	Mat	Bag
15-00-00	25530+	15.28				98	Mat	Bag
IRONITE PRODUCTS COMPANY								
		SCOTTSDALE	AZ					
01-00-00	24062+	01.95				195	Blend	Bag
07-06-06	24059+	08.73	06.28	06.24		112	Blend	Liq
JANES FERT. & FARM SUPPLY								
		COLUMBIA	KY					
15-15-15	24803	15.31	16.22	16.21		102	CM	Bulk
18-18-17	24802	18.50	19.34	16.60*		101	CM	Bulk
18-18-18	23076	19.50	18.82	20.09		102	CM	Bulk
19-19-18	23075	19.33	19.83	19.28		102	CM	Bulk
19-19-19	23071	19.56	19.46	19.92		101	CM	Bulk
19-19-19	23072	19.56	19.82	19.41		101	CM	Bulk
19-19-19	23073	19.53	19.89	19.65		101	CM	Bulk
19-19-19	23074	19.57	18.04*	21.03		99	CM	Bulk
19-19-19	23077	20.19	21.33	17.32*		102	CM	Bulk
19-19-19	23130	18.68	19.00	20.93		99	CM	Bulk
Statistical Analysis for Grade : 19-19-19								
Number Samples This Grade : 6								
Average Analysis :								
		19.51	19.59	19.71		101.0		
CV, %		2.46	5.56	6.83				
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE 100.62 101.72 102.67								
ALL SAMPLES, CV, % 2.13 4.64 6.29								
NUMBER OF ANALYSIS 10 10 10								
Deficiency Rate - 30.00 %								
JRM CHEMICAL								
		CLEVELAND	OH					
07-07-07	24995	12.24	07.27	14.02		152	Blend	Bag
KES FARM SERVICE, INC.								
		GRAYSON	KY					
00-00-50	23822			50.85		101	Mat	Bulk
00-00-60	23819			61.13		101	Mat	Bulk
08-22-24	25406+	08.79	23.20	25.11		101	CM	Bulk
08-22-24	25407+	08.34	22.73	25.23		99	CM	Bulk
09-18-27	25334	09.02	18.21	28.29		100	CM	Bulk
09-18-27	25400	08.86	18.81	28.36		101	CM	Bulk
10-25-26	25336	09.30	24.86	27.97		98	CM	Bulk
16-14-22	25403	15.22	15.53	22.33		99	CM	Bulk
18-46-00	23820	18.28	46.31			100	Mat	Bulk
19-12-13	25404	18.99	12.69	13.40		100	CM	Bulk
20-12-13	25405	19.83	13.02	13.78		102	CM	Bulk
20-12-19	25335	20.05	12.37	19.76		100	CM	Bulk
26-09-14	25401	26.92	09.89	14.32		100	CM	Bulk
46-00-00	23821	45.99				99	Mat	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE 97.97 100.90 102.45								
ALL SAMPLES, CV, % 3.18 3.54 1.89								
NUMBER OF ANALYSIS 12 11 12								
Deficiency Rate - 0.00 %								

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
KENTUCKY FERTILIZER WORKS		WINCHESTER		KY				
00-20-20	24871		20.46	21.82		104	Blend	Bag
00-20-20	25505		21.12	19.57		102	Blend	Bag
05-10-10	22688	05.57	10.66	11.10		108	Blend	Bag
05-10-10	24870	04.41*	09.36	11.20		97	Blend	Bag
05-10-10	25399	05.23	10.78	11.16		108	Blend	Bag
05-10-15	22668	08.09	10.88	14.53		108	Blend	Bag
05-10-15	24277	08.35	09.50	16.77		113	Blend	Bag
05-10-15	24852	07.86	09.30	16.58		111	Blend	Bag
05-10-15	25509	07.40	09.31	16.86		111	Blend	Bag
09-18-27	23966	14.00	18.34	26.85		107	Blend	Bag
09-18-27	24298	14.18	17.47	27.23		107	Blend	Bag
09-18-27	24851	13.93	16.55*	27.87		106	Blend	Bag
09-18-27	24889	13.93	16.13*	28.59		107	Blend	Bag
09-18-27	25510	14.14	16.40*	28.95		108	Blend	Bag
Statistical Analysis for Grade : 09-18-27								
Number Samples This Grade :		5						
Average Analysis :		14.03	16.97	27.89		107.4		
CV, %		.83	5.37	3.17				
10-10-10	22669	09.93	10.45	10.33		102	Blend	Bag
10-10-10	22746	10.38	11.11	10.76		107	Blend	Bag
10-10-10	24757	12.33	13.76	12.99		130	Blend	Bag
10-10-10	24853	09.90	09.72	10.99		100	Blend	Bag
10-10-10	24872	09.87	10.61	09.97		101	Blend	Bag
10-10-10	24883	08.99*	09.92	10.30		96*	Blend	Bag
10-10-10	24894	10.15	09.54	10.16		99	Blend	Bag
10-10-10	25506	10.77	10.59	09.90		104	Blend	Bag
Statistical Analysis for Grade : 10-10-10								
Number Samples This Grade :		8						
Average Analysis :		10.29	10.71	10.67		105.5		
CV, %		9.41	12.48	9.42				
12-12-12	24278	11.73	11.82	12.77		100	Blend	Bag
12-12-12	24868	11.54	11.35	13.43		99	Blend	Bag
12-12-12	24884	12.53	11.99	12.75		103	Blend	Bag
19-19-19	22672	17.84	20.65	20.98		103	Blend	Bag
19-19-19	22745	20.30	19.84	18.81		103	Blend	Bag
19-19-19	23964	18.90	20.26	19.38		103	Blend	Bag
19-19-19	24275	19.37	19.73	18.86		102	Blend	Bag
19-19-19	24276	18.79	19.64	20.06		102	Blend	Bag
19-19-19	24758	19.72	18.77	18.85		100	Blend	Bag
19-19-19	24854	18.03	18.05	20.66		98	Blend	Bag
19-19-19	24869	18.66	18.51	20.40		100	Blend	Bag
Statistical Analysis for Grade : 19-19-19								
Number Samples This Grade :		8						
Average Analysis :		18.95	19.43	19.75		101.7		
CV, %		4.36	4.63	4.48				
34-00-00	22744	33.97				99	Mat	Bag
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		110.15	100.97	105.33				
ALL SAMPLES, CV, %		22.65	8.66	6.14				
NUMBER OF ANALYSIS		32	33	33				
Deficiency Rate -		14.70 %						
KNOX FERTILIZER CO., INC.		KNOX		IN				
10-06-04	21923	10.16	07.36	04.55		111	Blend	Bag
10-10-10	23928	09.73	10.43	11.35		104	Blend	Bag
10-16-20	21921	11.13	16.94	21.31		107	Blend	Bag
15-30-15	21932+	19.07	30.83	16.95		110	Blend	Bag
15-30-15	23666+	17.47	30.12	14.77		104	Blend	Bag
18-24-16	23665+	17.92	25.89	16.67		104	Blend	Bag
19-03-05	23562+	19.29	03.76	05.54		105	Blend	Bag
27-03-03	21922	27.03	03.23	03.65		102	Blend	Bag
LANGE STEGMAN CO		ST LOUIS		MO				
20-10-10	25051+	19.61	10.09	10.02		99	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
LANGE STEGMAN CO 30-03-10	22466+	ST LOUIS 28.25*	MO 03.26	11.20		98	Blend	Bag
LAROCHE INDUSTRIES, INC. 34-00-00 34-00-00	22499 22739	ATLANTA 33.54 33.42	GA			98 98	Mat Mat	Bulk Bulk
LEBANON CHEM - GREENVIEW DIV. 30-04-04	23899+	LEBANON 30.43	PA 05.06	05.89		107	Blend	Bag
LEBANON CHEMICAL CO. 18-05-09 21-03-16 30-05-10 32-03-08	22606+ 22611+ 22607+ 22608+	LEBANON 18.73 22.34 28.68* 30.14*	PA 05.14 03.07 05.32 04.29	09.73 15.17 11.05 07.74		105 102 99 98	Mnfr Blend Blend Blend	Bag Bag Bag Bag
LEBANON SEABOARD 01-03-01 10-16-20 18-03-12 20-04-10 24-02-12 25-03-10	24417 21983+ 23989+ 23563+ 24437+ 24438+	LEBANON 00.97 10.19 16.31* 19.49 23.47 28.21	PA 03.49 16.05 04.31 04.46 02.85 02.23*	01.12 21.94 13.22 09.31 13.47 09.69		112 103 104 98 105 104	Blend Blend Blend Blend Blend Blend	Bag Bag Bag Bag Bag Bag
LESCO, INC. 18-24-12 19-03-06 19-19-19 24-05-11 32-03-08 32-03-08 32-05-07	24581+ 23842+ 24582 21916+ 21966+ 23840+ 21917+	ROCKY RIVER 17.29 20.00 18.57 24.38 30.68* 32.20 31.30	OH 23.96 03.70 18.42 05.59 03.23 03.74 05.29	12.40 06.01 19.99 10.49 09.82 07.47 07.35		99 106 99 101 100 101 99	Blend Blend Blend Blend Blend Blend Blend	Bag Bag Bag Bag Bag Bag Bag
LYONCO FARM SUPPLY INC 19-19-19 19-19-19 19-19-19 22-13-17 23-16-16 23-16-16 24-23-10 24-23-10 26-13-13 26-13-13	22887 23019 23024 23025 23020 23021 23022 23023 22885 22886	TOMPKINSVILLE 20.77 18.98 18.40 21.45 22.98 22.57 24.39 25.74 25.96 25.41	KY 19.64 17.88 18.23 17.48 16.94 16.21 23.52 22.02 14.70 12.64	18.72 20.86 20.91 15.31* 16.43 17.46 09.95 09.07* 13.24 15.82		102 99 97 104 100 99 101 99 101 99	CM CM CM CM CM CM CM CM CM CM	Bulk Bulk Bulk Bulk Bulk Bulk Bulk Bulk Bulk Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		98.73	101.75	102.39				
ALL SAMPLES, CV, %		4.50	10.19	9.38				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate - 20.00 %								
MARSHALL CTY SOIL IMP. ASSOC. 09-23-29 17-17-17 18-19-19 21-17-17 21-18-18 22-10-22 23-11-20 27-12-13	23575 22085 23576 23043 23041 23574 23577 23042	BENTON 09.51 17.86 19.42 21.36 20.45 20.66* 22.20 27.38	KY 23.79 15.83* 18.97 18.02 19.45 11.83 11.99 13.14	29.45 19.36 20.06 18.19 18.64 24.85 22.51 14.61		101 97 100 100 102 102 102 102	CM CM CM CM CM CM CM CM	Bulk Bulk Bulk Bulk Bulk Bulk Bulk Bulk
MARSHALL COUNTY SOIL IMP. 06-17-37	24710	SMITHLAND 06.43	KY 16.59	37.87		98	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P205	K20	XS CL	RV	TYPE	FORM
MARSHALL COUNTY SOIL IMP.		SMITHLAND		KY				
06-17-37	24711	06.71	17.18	37.89		100	CM	Bulk
06-17-37	24712	06.75	17.63	38.55		102	CM	Bulk
06-17-37	24713	06.37	16.76	37.72		98	CM	Bulk
16-16-16	23213	16.15	16.11	18.20		99	CM	Bulk
MARTIN MARIETTA MAGNESIA SPEC		MANISTEE		MI				
00-00-00	22691+						Mat	Bag
00-00-00	23602+						Mat	Bag
00-00-00	24592+						Mat	Bag
00-00-00	24681+						Mat	Bag
00-00-00	25445+						Mat	Bag
MARTIN RESOURCES		KILGORE		TX				
00-00-00	22970+						Mat	Bag
00-00-00	23291+						Mat	Bag
00-00-00	23626+						Mat	Bag
00-00-00	23853+						Mat	Bulk
00-00-00	24615+						Mat	Bag
00-00-00	24971+						Mat	Bag
MATHIS FARM SUPPLY		MELBER		KY				
07-19-34	24209	07.58	19.89	34.35		100	CM	Bulk
07-19-34	24210	06.29*	17.84*	37.30		97	CM	Bulk
07-19-34	24211	07.61	19.09	35.26		99	CM	Bulk
07-19-34	24212	07.22	18.91	35.58		99	CM	Bulk
13-15-26	24203	13.63	15.33	26.99		100	CM	Bulk
13-15-26	24204	13.02	14.91	27.99		99	CM	Bulk
13-15-26	24205	12.14*	14.81	29.64		100	CM	Bulk
13-15-26	24206	13.58	14.80	27.33		99	CM	Bulk
15-17-22	24575	14.09	15.64*	24.85		97	CM	Bulk
15-17-22	24576	14.10	16.81	24.05		98	CM	Bulk
15-17-22	24577	15.01	17.39	22.39		99	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		95.01	96.61	104.64				
ALL SAMPLES, CV, %		5.96	3.60	3.87				
NUMBER OF ANALYSIS		11	11	11				
Deficiency Rate -		27.27 %						
MAYFIELD GRAIN CO		MAYFIELD		KY				
00-00-60	22471			60.64		101	Mat	Bulk
05-13-17	22111	06.39	13.78	18.42		108	CM	Bulk
05-13-17	22112	05.99	13.71	17.90		106	CM	Bulk
07-19-19	22113	08.27	19.69	19.53		102	CM	Bulk
07-19-19	22114	08.09	19.84	19.99		102	CM	Bulk
08-22-30	22109	08.70	22.52	30.46		99	CM	Bulk
08-22-30	22110	09.16	23.93	29.85		102	CM	Bulk
18-46-00	22472	17.81	46.31			100	Mat	Bulk
22-10-14	23512	21.79	11.03	14.51		100	CM	Bulk
22-10-14	23513	21.48	11.28	14.45		99	CM	Bulk
22-10-14	23514	21.42	10.50	14.60		98	CM	Bulk
22-10-14	23515	22.23	10.72	14.26		99	CM	Bulk
34-00-00	22470	33.59				98	Mat	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		100.24	101.34	102.23				
ALL SAMPLES, CV, %		8.52	2.66	2.07				
NUMBER OF ANALYSIS		12	11	11				
Deficiency Rate -		0.00 %						
MAYSLICK MILL		MAYSLICK		KY				
04-10-41	23981+	04.01	10.49	43.13		102	CM	Bulk
06-12-19	24933	06.83	13.21	17.90		98	CM	Bulk
09-09-19	24931	17.45	09.58	20.63		119	CM	Bulk
10-26-26	23975	09.92	26.16	27.57		100	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
MAYSLICK MILL		MAYSLICK		KY				
14-07-09	24932	15.39	07.71	09.61		100	CM	Bulk
17-17-17	24495	18.56	17.96	18.14		102	CM	Bulk
19-19-19	24494	19.29	19.81	19.10		99	CM	Bulk
20-09-12	23980	21.00	10.22	13.94		105	CM	Bulk
20-13-18	24497	18.45*	13.60	21.77		101	CM	Bulk
21-11-15	24493	20.98	11.47	16.11		100	CM	Bulk
21-11-15	24496	21.95	10.69	16.35		101	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		104.72	100.41	104.66				
ALL SAMPLES, CV, %		22.68	3.42	6.41				
NUMBER OF ANALYSIS		11	11	11				
Deficiency Rate -		9.09 %						
MCWHORTER BROS. FARM SER., INC		ALBANY		KY				
17-17-17	23013	17.02	16.60	20.29		99	CM	Bulk
METCALFE CO FARMERS SUPP		EDMONTON		KY				
17-17-17	22954	17.63	17.23	18.05		98	CM	Bulk
17-17-17	22961	17.79	18.04	17.56		100	CM	Bulk
17-17-17	22978	17.63	17.56	18.34		100	CM	Bulk
19-13-20	24906	19.29	15.36	19.36		100	CM	Bulk
19-19-19	22955	18.27	19.16	20.72		99	CM	Bulk
19-19-19	22977	19.57	20.20	18.17		100	CM	Bulk
22-12-12	22956	22.77	12.54	12.39		100	CM	Bulk
22-12-12	22960	22.11	12.65	12.46		99	CM	Bulk
27-13-13	22976	26.68	14.85	13.28		101	CM	Bulk
29-11-11	22959	28.67	11.69	12.57		98	CM	Bulk
29-11-11	22962	28.99	11.61	12.58		99	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		98.20	102.10	100.68				
ALL SAMPLES, CV, %		1.99	4.58	4.56				
NUMBER OF ANALYSIS		11	11	11				
Deficiency Rate -		0.00 %						
MILES FARM CENTER		EKRON		KY				
00-07-47	23278+		08.18	47.33		100	CM	Bulk
00-11-39	23285+		12.47	40.13		102	CM	Bulk
00-28-22	23284		27.47	24.16		99	CM	Bulk
09-24-24	23279+	09.56	25.56	24.39		101	CM	Bulk
10-25-26	23271	09.50	24.55	27.48		97	CM	Bulk
12-18-28	23283	12.36	17.47*	29.54		97	CM	Bulk
22-14-19	23272	22.29	15.92	18.09		101	CM	Bulk
22-16-16	23282	22.07	16.78	16.94		98	CM	Bulk
24-18-12	23277	24.16	20.48	12.29		102	CM	Bulk
27-13-13	23281	27.85	13.12	12.75		99	CM	Bulk
29-11-11	23280	30.21	11.85	12.34		101	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		98.94	100.24	101.17				
ALL SAMPLES, CV, %		2.83	5.52	4.00				
NUMBER OF ANALYSIS		8	11	11				
Deficiency Rate -		9.09 %						
MILES FARM CENTER		SACRAMENTO		KY				
00-23-30	22000		23.56	29.56		100	CM	Bulk
00-23-30	22001		23.20	30.52		101	CM	Bulk
00-23-30	22002		23.79	29.79		101	CM	Bulk
07-18-36	25074	07.34	19.64	34.72		101	CM	Bulk
07-18-36	25075	07.76	20.83	33.51*		103	CM	Bulk
09-23-30	22003	07.65*	19.98*	33.50		95*	CM	Bulk
09-23-30	25278	08.61	23.39	30.39		100	CM	Bulk
09-23-30	25279	08.59	22.83	31.08		100	CM	Bulk
09-23-30	25280	08.26	22.42	31.70		99	CM	Bulk
09-23-30	25281	08.63	23.50	30.17		100	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P205	K20	XS CL	RV	TYPE	FORM
MILES FARM CENTER		SACRAMENTO		KY				
Statistical Analysis for Grade : 09-23-30								
Number Samples This Grade : 5								
Average Analysis :								
		8.34	22.42	31.36		99.2		
CV, %								
		5.01	6.39	4.25				
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE								
		95.69	101.05	100.94				
ALL SAMPLES, CV, %								
		7.50	6.61	5.05				
NUMBER OF ANALYSIS								
		7	10	10				
Deficiency Rate - 20.00 %								
MILES FARM CENTER		SHELBYVILLE		KY				
00-20-20	23788+		20.56	20.50		102	CM	Bag
00-20-20	24380		20.99	19.21		101	Blend	Bag
00-20-20	24386		19.69	20.37		99	Blend	Bag
05-05-05	23088	05.55	06.97	08.63		116	CM	Bulk
05-10-15	24112	05.39	09.43	15.10		99	Blend	Bag
05-10-15	24387	05.15	09.38	16.93		105	Blend	Bag
05-10-15	24445	05.12	09.18	17.49		107	Blend	Bag
05-10-15	24523	05.00	09.65	15.17		99	Blend	Bag
05-10-15	24586	04.30*	08.01*	14.57		90*	Blend	Bag
05-10-15	24910	05.91	09.17	18.71		113	Blend	Bag
05-10-15	25439	04.33*	08.55*	16.43		99	Blend	Bag
05-10-15	25483	05.52	08.67*	17.37		106	Blend	Bag
Statistical Analysis for Grade : 05-10-15								
Number Samples This Grade : 8								
Average Analysis :								
		5.09	9.00	16.47		102.8		
CV, %								
		10.91	6.08	8.66				
05-20-20	23789	04.95	19.95	20.62		100	Blend	Bag
06-24-24	24114	06.04	25.17	23.25		101	Blend	Bag
06-24-24	24201	05.81	23.97	24.82		100	Blend	Bag
06-24-24	24381	05.26*	23.04	24.50		97	Blend	Bag
06-24-24	25512	04.92*	21.72*	26.24		95*	Blend	Bag
09-07-10	25036	09.52	07.42	11.21		104	CM	Bulk
09-18-27	25037	10.05	16.85	29.19		104	CM	Bulk
09-18-27	25442	07.84*	15.75*	30.73	*	102	Blend	Bag
10-10-10	22004	09.32	09.50	10.24		96*	Blend	Bag
10-10-10	22358	11.68	11.27	10.65		112	Blend	Bag
10-10-10	22390	09.27	10.51	10.22		100	Blend	Bag
10-10-10	22391	09.32	09.64	10.07		96*	Blend	Bag
10-10-10	22402	09.49	10.12	09.74		98	Blend	Bag
10-10-10	22673	09.06*	09.30	09.67		93*	Blend	Bag
10-10-10	22759	09.45	10.40	08.86*		96*	Blend	Bag
10-10-10	23397	11.01	11.15	10.30		108	Blend	Bag
10-10-10	23786	10.70	11.23	09.60		106	Blend	Bag
10-10-10	24111	09.91	09.58	09.78		97	Blend	Bag
10-10-10	24314	10.65	10.55	10.56		105	Blend	Bag
10-10-10	24382	09.14	09.38	11.15		97	Blend	Bag
10-10-10	24383	09.48	09.50	10.07		96*	Blend	Bag
10-10-10	24391	08.26*	07.82*	09.94		84*	Blend	Bag
10-10-10	24444	09.89	09.75	09.84		98	Blend	Bag
10-10-10	24524	09.19	10.18	10.57		99	Blend	Bag
10-10-10	24587	09.80	09.58	10.26		98	Blend	Bag
10-10-10	24669	08.17*	08.01*	10.44		86*	Blend	Bag
10-10-10	24753	09.42	08.52*	09.16*		89*	Blend	Bag
10-10-10	24926	09.81	08.20*	09.88		91*	Blend	Bag
10-10-10	25430	10.22	09.08*	10.18		97	Blend	Bag
10-10-10	25441	09.31	08.64*	10.30		92*	Blend	Bag
10-10-10	25498	08.21*	08.38*	10.17		87*	Blend	Bag
10-10-10	25513	08.71*	09.26	10.12		92*	Blend	Bag
10-10-10	25534	09.37	09.63	10.73		98	Blend	Bag
Statistical Analysis for Grade : 10-10-10								
Number Samples This Grade : 25								
Average Analysis :								
		9.55	9.56	10.10		96.9		
CV, %								
		8.79	10.14	4.83				
10-10-20	24389	09.13	09.82	19.35		96*	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
MILES FARM CENTER		SHELBYVILLE		KY				
10-20-20	22395	09.98	20.68	19.50		101	Blend	Bag
12-12-12	24388	11.26	11.80	12.65		98	Blend	Bag
12-24-24	23785	12.16	24.37	23.15		100	Blend	Bag
13-08-10	25034	13.88	09.19	10.96		104	CM	Bulk
13-08-13	25033	13.59	09.51	14.35		104	CM	Bulk
13-13-13	22393	11.90	12.82	13.38		97	Blend	Bag
15-15-15	22394	15.12	14.60	15.02		99	Blend	Bag
15-15-15	24385	14.15	13.63*	15.18		94*	Blend	Bag
15-15-15	25431	15.03	14.86	14.32		98	Blend	Bag
15-30-15	24879	13.45*	28.26*	17.58		97	Blend	Bag
19-13-17	24818	19.39	13.44	18.40		100	CM	Bulk
19-19-19	22392	19.04	19.32	18.73		100	Blend	Bag
19-19-19	23207	19.00	20.62	19.09		103	Blend	Bag
19-19-19	23787	18.59	17.74*	20.52		98	Blend	Bag
19-19-19	24113	18.91	18.45	19.78		99	Blend	Bag
19-19-19	24384	17.76	18.69	20.69		99	Blend	Bag
19-19-19	24390	18.20	18.52	19.46		98	Blend	Bag
19-19-19	24443	16.46*	15.97*	24.39		95*	Blend	Bag
19-19-19	24552	18.68	18.81	20.20		100	Blend	Bag
19-19-19	24876	18.29	20.36	19.55		102	Blend	Bag
19-19-19	24911	18.27	17.80	21.68		99	Blend	Bag
19-19-19	24937	18.39	19.44	18.74		99	Blend	Bag
19-19-19	25432	18.94	18.47	19.28		99	Blend	Bag
19-19-19	25440	18.79	19.66	18.58		100	Blend	Bag
19-19-19	25533	16.50*	15.98*	19.28		89*	Blend	Bag
Statistical Analysis for Grade : 19-19-19								
Number Samples This Grade : 14								
Average Analysis :								
		18.27	18.55	19.99		98.9		
CV, %								
		4.60	7.43	7.66				
21-11-17	25035	22.61	10.30*	19.56		103	CM	Bulk
22-11-21	23089	23.12	10.97	22.02		101	CM	Bulk
22-11-21	23093	21.70	10.85	23.17		99	CM	Bulk
27-13-13	23090	27.61	13.66	14.70		104	CM	Bulk
27-13-13	23091	27.20	13.89	13.95		103	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		97.11	97.15	104.36				
ALL SAMPLES, CV, %		7.81	8.35	7.98				
NUMBER OF ANALYSIS		73	76	76				
Deficiency Rate - 34.21 %								
MILES FARM SUPPLY		CYNTHIANA		KY				
07-09-13	24924	07.46	09.20	14.45		103	CM	Bulk
08-17-26	24920	09.05	18.16	27.27		101	CM	Bulk
09-08-12	24927	10.60	09.28	12.35		104	CM	Bulk
17-11-15	24928	16.94	12.47	15.33		103	CM	Bulk
18-00-00	24921	19.35				102	CM	Bulk
18-00-22	24923	18.19		22.34		98	CM	Bulk
18-00-22	24925	19.27		22.07		99	CM	Bulk
22-00-20	24922	22.55		20.09		99	CM	Bulk
24-00-16	24929	24.83		16.28		100	CM	Bulk
24-00-16	24930	25.32		15.71		100	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		101.33	104.86	99.87				
ALL SAMPLES, CV, %		2.91	4.81	3.06				
NUMBER OF ANALYSIS		10	4	9				
Deficiency Rate - 0.00 %								
MILES FARM SUPPLY		LEBANON		KY				
21-11-15	23240	21.48	12.44	14.70		101	CM	Bulk
21-11-15	23243	21.09	12.18	15.51		101	CM	Bulk
21-15-20	23241	20.39	15.35	21.80		100	CM	Bulk
26-12-16	23247	25.98	13.30	16.12		101	CM	Bulk
27-11-15	23244	27.75	11.34	15.46		100	CM	Bulk
27-11-15	23248	26.71	12.16	16.02		101	CM	Bulk
27-11-15	23249	27.90	11.09	14.83		99	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P205	K20	XS CL	RV	TYPE	FORM
MILES FARM SUPPLY		LEBANON	KY					
29-10-13	23242	29.14	11.01	13.50		101	CM	Bulk
MILES FARM SUPPLY		OWENSBORO	KY					
00-00-00	22401						Mat	Bulk
00-00-22	22306+			21.75		98	Mat	Bulk
00-00-50	22570			51.51		103	Mat	Bulk
00-00-50	23092			51.43		102	Mat	Bulk
00-00-50	23178			51.37		102	Mat	Bulk
00-00-50	24116			50.91		101	Mat	Bulk
00-00-50	24244			51.14		102	Mat	Bulk
00-00-50	24369			50.76		101	Mat	Bulk
00-00-50	24372			50.96		101	Mat	Bulk
00-00-50	24668			49.41		98	Mat	Bulk
00-00-50	24729			51.08		102	Mat	Bulk
00-00-50	24778			50.49		100	Mat	Bulk
Statistical Analysis for Grade : 00-00-50								
Number Samples This Grade : 10								
Average Analysis :								
CV, %		.00	.00	50.90		101.8		
		.00	.00	1.20				
00-00-60	21991			60.70		101	Mat	Bulk
00-00-60	21995			60.80		101	Mat	Bulk
00-00-60	22074			60.61		101	Mat	Bulk
00-00-60	22298			60.90		101	Mat	Bulk
00-00-60	22309			60.83		101	Mat	Bulk
00-00-60	22326			60.40		100	Mat	Bulk
00-00-60	22335			59.85		99	Mat	Bulk
00-00-60	22346			60.75		101	Mat	Bulk
00-00-60	22369			60.28		100	Mat	Bulk
00-00-60	22385			60.87		101	Mat	Bulk
00-00-60	22397			60.76		101	Mat	Bulk
00-00-60	22422			60.42		100	Mat	Bulk
00-00-60	22425			60.56		100	Mat	Bulk
00-00-60	22513			60.82		101	Mat	Bulk
00-00-60	22532			60.59		100	Mat	Bulk
00-00-60	22568			60.84		101	Mat	Bulk
00-00-60	23146			60.74		101	Mat	Bulk
00-00-60	23177			60.99		101	Mat	Bulk
00-00-60	23246			60.59		100	Mat	Bulk
00-00-60	23273			60.67		101	Mat	Bulk
00-00-60	23643			60.25		100	Mat	Bulk
00-00-60	23799			60.72		101	Mat	Bulk
00-00-60	24175			60.06		100	Mat	Bulk
00-00-60	24368			60.35		100	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
MILES FARM SUPPLY		OWENSBORO	KY					
00-00-60	24731			60.26		100	Mat	Bulk
Statistical Analysis for Grade : 00-00-60								
Number Samples This Grade : 25								
Average Analysis :								
		.00	.00	60.58		100.9		
CV, %		.00	.00	.46				
00-19-34	22039		19.89	33.92		99	CM	Bulk
00-46-00	22396		45.67			99	Mat	Bulk
00-46-00	23276		45.87			99	Mat	Bulk
00-46-00	23638		45.66			99	Mat	Bulk
00-46-00	24367		46.48			101	Mat	Bulk
05-00-00	24182+	00.15*				2*	Blend	Bulk
08-22-29	22040	08.83	23.36	28.41		100	CM	Bulk
08-22-29	22048	07.94	21.53	30.40		98	CM	Bulk
08-22-29	22049	08.48	22.26	29.98		100	CM	Bulk
09-23-30	24125	09.14	23.37	29.74		100	CM	Bulk
09-23-30	24126	08.60	22.08	31.41		99	CM	Bulk
09-23-30	24774	08.62	22.16	31.29		99	CM	Bulk
09-23-30	24775	09.25	23.73	29.33		101	CM	Bulk
09-23-30	24776	09.11	23.13	29.85		100	CM	Bulk
09-23-30	24777	08.89	23.39	29.84		100	CM	Bulk
Statistical Analysis for Grade : 09-23-30								
Number Samples This Grade : 6								
Average Analysis :								
		8.93	22.97	30.24		100.1		
CV, %		3.10	3.00	2.90				
10-20-20	23395	09.49	20.05	20.85		100	Blend	Bag
10-34-00	25475	10.47	33.84			100	Mat	Liq
10-50-00	22075	10.78	50.01			101	Mat	Bulk
10-50-00	22308	10.84	51.34			103	Mat	Bulk
10-50-00	23143	11.31	51.01			103	Mat	Bulk
10-50-00	23422	11.20	51.28			103	Mat	Bulk
11-52-00	22569	10.87	50.51			97	Mat	Bulk
11-52-00	23421	10.71	52.24			99	Mat	Bulk
13-00-44	23639	13.65		46.23		103	Mat	Bulk
13-00-46	22398	13.54		46.73		102	Mat	Bulk
13-00-46	24188	12.11		45.62		97	Mat	Bulk
13-00-46	24571	13.42		45.82		99	Mat	Bulk
15-00-46	24772	13.87		46.00		97	Mat	Bulk
18-46-00	21994	17.66	46.17			99	Mat	Bulk
18-46-00	22073	17.72	46.70			100	Mat	Bulk
18-46-00	22299	17.80	46.49			100	Mat	Bulk
18-46-00	22305	18.16	46.07			100	Mat	Bulk
18-46-00	22333	17.26	45.86			98	Mat	Bulk
18-46-00	22367	17.63	46.55			100	Mat	Bulk
18-46-00	22386	17.64	46.13			99	Mat	Bulk
18-46-00	22400	17.44	45.92			99	Mat	Bulk
18-46-00	22421	17.76	46.24			100	Mat	Bulk
18-46-00	22424	17.75	46.81			101	Mat	Bulk
18-46-00	22514	17.54	45.80			99	Mat	Bulk
18-46-00	22533	17.81	46.08			99	Mat	Bulk
18-46-00	22567	17.60	46.17			99	Mat	Bulk
18-46-00	22902	17.74	46.13			99	Mat	Bulk
18-46-00	23144	17.55	46.04			99	Mat	Bulk
18-46-00	23176	17.58	46.22			99	Mat	Bulk
18-46-00	23245	17.68	46.59			100	Mat	Bulk
18-46-00	23274	17.52	45.46			98	Mat	Bulk
18-46-00	23420	17.41	45.91			99	Mat	Bulk
18-46-00	23423	17.36	46.36			99	Mat	Bulk
18-46-00	23637	11.40*	45.84			90*	Mat	Bulk
18-46-00	23641	17.74	45.93			99	Mat	Bulk
18-46-00	23801	17.74	46.03			99	Mat	Bulk
18-46-00	24366	17.40	46.33			99	Mat	Bulk
18-46-00	24613	12.74*	45.86			92*	Mat	Bulk
18-46-00	24728	17.54	45.76			98	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P205	K20	XS CL	RV	TYPE	FORM
MILES FARM SUPPLY		OWENSBORO		KY				
Statistical Analysis for Grade : 18-46-00								
Number Samples This Grade : 26								
Average Analysis :								
		17.19	46.13	.00		99.1		
CV, %								
		8.90	.68	.00				
19-19-19	23394	16.28*	18.78	22.63		99	Blend	Bag
20-15-20	24127	17.82*	17.16	22.40		100	CM	Bulk
28-00-00	22328	27.88				99	Mat	Liq
28-00-00	24664	27.58				98	Mat	Liq
28-00-00	25225	27.52				98	Mat	Liq
32-00-00	25476	31.64				98	Mat	Liq
34-00-00	22304	34.20				100	Mat	Bulk
34-00-00	22334	33.71				99	Mat	Bulk
34-00-00	22383	33.98				99	Mat	Bulk
34-00-00	22493	33.86				99	Mat	Bulk
34-00-00	23145	34.50				101	Mat	Bulk
34-00-00	23251	34.18				100	Mat	Bulk
34-00-00	23642	34.08				100	Mat	Bulk
34-00-00	23644	34.10				100	Mat	Bulk
Statistical Analysis for Grade : 34-00-00								
Number Samples This Grade : 8								
Average Analysis :								
		34.07	.00	.00		100.2		
CV, %								
		.69	.00	.00				
46-00-00	22297	45.87				99	Mat	Bulk
46-00-00	22307	46.14				100	Mat	Bulk
46-00-00	22327	46.20				100	Mat	Bulk
46-00-00	22345	45.94				99	Mat	Bulk
46-00-00	22368	45.75				99	Mat	Bulk
46-00-00	22387	45.90				99	Mat	Bulk
46-00-00	22399	46.12				100	Mat	Bulk
46-00-00	22420	45.87				99	Mat	Bulk
46-00-00	22423	46.04				100	Mat	Bulk
46-00-00	22512	46.01				100	Mat	Bulk
46-00-00	22534	45.86				99	Mat	Bulk
46-00-00	22566	45.86				99	Mat	Bulk
46-00-00	23017	45.78				99	Mat	Bulk
46-00-00	23147	45.73				99	Mat	Bulk
46-00-00	23175	46.00				100	Mat	Bulk
46-00-00	23250	45.92				99	Mat	Bulk
46-00-00	23275	45.84				99	Mat	Bulk
46-00-00	23640	45.99				99	Mat	Bulk
46-00-00	23800	45.91				99	Mat	Bulk
46-00-00	24144	45.98				99	Mat	Bulk
46-00-00	24170	45.96				99	Mat	Bulk
46-00-00	24365	45.94				99	Mat	Bulk
46-00-00	24730	45.52				98	Mat	Bulk
Statistical Analysis for Grade : 46-00-00								
Number Samples This Grade : 23								
Average Analysis :								
		45.91	.00	.00		99.8		
CV, %								
		.31	.00	.00				
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE								
		98.47	100.34	101.31				
ALL SAMPLES, CV, %								
		12.34	1.93	3.08				
NUMBER OF ANALYSIS								
		86	50	54				
Deficiency Rate - 3.93 %								
MILES FARM SUPPLY		UPTON		KY				
03-16-38	23415+	03.38	16.97	38.88		100	CM	Bulk
09-18-27	25063	10.29	16.73*	27.30		98	CM	Bulk
12-30-20	23411	11.32	29.83	21.29		98	CM	Bulk
15-13-19	25346+	15.54	13.03	21.36		102	CM	Bulk
19-11-17	25347+	20.57	11.54	17.99		102	CM	Bulk
19-19-19	23412	18.32	18.90	20.71		98	CM	Bulk
19-19-19	23414	18.99	18.77	20.81		99	CM	Bulk
19-19-19	23416	18.19	19.10	21.28		99	CM	Bulk
20-27-12	23418	19.44	26.71	13.62		99	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
MILES FARM SUPPLY		UPTON		KY				
23-16-16	23413	23.08	16.08	17.71		100	CM	Bulk
27-13-13	23417	26.42	13.53	14.96		99	CM	Bulk
28-12-12	23410	26.93	12.67	14.30		98	CM	Bulk
28-12-12	23419	27.54	13.04	14.03		100	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		97.80	97.61	105.82				
ALL SAMPLES, CV, %		4.89	2.61	3.92				
NUMBER OF ANALYSIS		13	13	13				
Deficiency Rate -		7.69 %						
MILLERSBURG FERTILIZER CO.		MILLERSBURG		KY				
00-00-60	25206			59.50		99	Mat	Bulk
18-00-26	25201	19.06		26.67		100	CM	Bulk
18-08-19	25199	17.91	08.88	18.48		98	CM	Bulk
18-08-19	25200	17.83	08.70	19.27		100	CM	Bulk
18-46-00	25208	17.78	46.08			99	Mat	Bulk
20-06-16	25202	21.73	06.55	15.68		100	CM	Bulk
20-06-16	25203	20.78	06.96	15.81		100	CM	Bulk
20-12-20	25219	19.07	10.98*	19.39		95*	CM	Bulk
20-12-20	25221	19.75	11.55	19.96		98	CM	Bulk
20-12-20	25222	19.10	12.22	19.26		97	CM	Bulk
21-03-07	25198	19.57	04.74	07.62		102	CM	Bulk
31-05-12	25204	30.88	07.82	11.42*		101	CM	Bulk
34-00-00	25207	34.02				100	Mat	Bulk
46-00-00	25205	46.02				100	Mat	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		99.15	103.12	98.13				
ALL SAMPLES, CV, %		3.19	16.33	3.96				
NUMBER OF ANALYSIS		13	10	11				
Deficiency Rate -		14.28 %						
MONTYS PLANT FOOD		LOUISVILLE		KY				
02-15-15	24633	03.75	17.50	17.77		122	Blend	Liq
08-16-08	23670	08.31	16.68	08.62		104	Blend	Liq
NA-CHURS PLANT FOOD COMPANY		MARION		OH				
00-00-30	24521			28.64		95*	Mat	Liq
09-18-09	24520	08.94	18.05	09.42		100	Blend	Liq
10-10-10	24578	10.29	10.20	09.81		101	Blend	Liq
NECESSARY ORGANICS, INC.		MPLS		MN				
07-05-05	24640+	06.89	07.16	03.58*		108	Blend	Bag
NORTHERN STAR MINERALS IN		NEW ALBANY		IN				
00-00-60	22500			60.72		101	Mat	Bulk
06-12-18	24572	06.45	12.48	18.73		104	Mnfr	Bulk
06-12-18	25232+	06.50	12.29	19.34		106	Mnfr	Bulk
06-24-24	25231	06.56	24.28	23.46		101	Blend	Bag
10-10-10	25230	10.26	08.98*	09.89		96*	Blend	Bag
10-34-00	25237	09.95	33.25			98	Mat	Liq
19-19-19	24570	18.48	18.53	20.95		100	Blend	Bag
27-03-03	25229	27.08	04.35	04.00		107	Blend	Bag
28-00-00	25236	27.82				99	Mat	Liq
OLDFIELD, J.A. & SON		MIZE		KY				
00-00-36	25333			36.18		100	CM	Bulk
00-00-50	24082			51.58		103	Mat	Bulk
00-00-60	24081			60.72		101	Mat	Bulk
00-20-20	22774+		21.39	18.43*		101	Blend	Bag
00-46-00	24083		46.46			101	Mat	Bulk
04-09-14	25339	04.55*	09.80	14.95		98	CM	Bulk
04-09-14	25409	04.97	10.59	15.71		104	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P205	K20	XS CL	RV	TYPE	FORM
OLDFIELD, J.A. & SON		MIZE		KY				
05-10-15	22777	04.68	09.87	16.10		102	Blend	Bag
05-10-15	24691	04.68	09.49	16.17		102	Blend	Bag
05-10-15	25328	04.53*	09.54	16.76		104	Blend	Bag
05-20-20	22776	05.35	21.10	20.59		104	Blend	Bag
05-20-20	24686	04.76	19.92	20.17		99	Blend	Bag
06-12-12	23767	06.24	12.19	12.62		103	Blend	Bag
06-12-12	24690	05.79	12.37	12.69		102	Blend	Bag
09-18-27	25329	08.21	19.18	26.17		99	Blend	Bag
09-18-28	25338	08.81	19.33	28.26		100	CM	Bulk
10-10-10	22778	09.74	10.32	11.13		103	Blend	Bag
10-10-10	23768	08.86*	09.65	11.30		97	Blend	Bag
10-20-20	24688	10.56	20.48	19.51		101	Blend	Bag
11-08-12	24685	13.02	09.22	12.12		104	CM	Bag
12-08-12	24684	11.42	08.33	12.30		97	CM	Bag
12-12-12	22775	11.44	12.20	12.62		100	Blend	Bag
12-12-12	25330	11.91	11.53	12.75		99	Blend	Bag
14-15-23	25408	13.45	15.50	24.20		101	CM	Bulk
15-00-33	25332	14.52		34.89		102	CM	Bulk
15-15-15	24687	14.05	14.46	14.94		96*	Blend	Bag
18-46-00	24079	17.10	45.81			98	Mat	Bulk
18-46-00	24080	17.24	45.74			98	Mat	Bulk
19-13-20	25411	18.82	13.73	21.17		100	CM	Bulk
19-19-19	22779	18.56	18.82	20.30		100	Blend	Bag
19-19-19	24692	18.10	19.19	19.03		98	CM	Bulk
19-19-19	24693	17.98	18.99	19.66		98	CM	Bulk
19-19-19	25331	17.73	18.61	19.97		98	Blend	Bag
21-11-17	25337	20.57	12.58	17.83		99	CM	Bulk
21-12-18	25410	20.60	12.18	18.48		100	CM	Bulk
22-14-19	24689	21.98	13.89	20.06		98	CM	Bag
34-00-15	24085	34.03		16.32		100	CM	Bulk
46-00-00	24077	45.76				99	Mat	Bulk
46-00-00	24084	45.93				99	Mat	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		97.13	100.79	102.65				
ALL SAMPLES, CV, %		4.83	3.82	4.34				
NUMBER OF ANALYSIS		34	32	34				
Deficiency Rate - 12.82 %								
OPTIFLORA INC.		NASHVILLE		TN				
14-12-14	23661	14.63	13.74	14.93		108	Blend	Bag
PARRISH SHOP & SALES		HENDERSON		KY				
10-13-13	24832	10.56	13.33	14.83		101	CM	Liq
10-13-13	24833	10.58	13.27	15.03		101	CM	Liq
10-13-13	24835	10.52	13.30	15.07		101	CM	Liq
12-12-12	24834	12.40	12.45	13.33		101	CM	Liq
16-08-11	25071	16.32	08.24	13.15		103	CM	Liq
PCS NITROGEN FERTILIZER		MEMPHIS		TN				
32-00-00	23715	32.08				100	Mat	Liq
PLATTE CHEMICAL COMPANY		FREMONT		NE				
07-14-07	24972	06.91	13.86	07.40		100	Mnfr	Liq
07-14-07	25473	06.94	13.68	07.24		99	Mnfr	Liq
PLEASANT VIEW FARMS AGRI SERV.		SOUTH UNION		KY				
05-15-39	23931+	05.81	15.24	40.33		101	CM	Bulk
10-25-26	24130	10.18	26.48	26.97		102	CM	Bulk
10-27-24	24196	11.03	28.31	23.73		101	CM	Bulk
17-17-17	24198	18.60	19.53	17.46		105	CM	Bulk
20-18-12	23932	20.20	19.59	12.44		102	CM	Bulk
21-13-13	23930	20.23	14.48	15.53		101	CM	Bulk
21-16-10	24316	21.09	17.05	12.33		100	CM	Bulk
22-16-10	24199	21.65	16.56	12.19		100	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
PLEASANT VIEW FARMS AGRIC. SERV. 25-18-12	24197	SOUTH UNION 25.50	KY 19.57	11.72		101	CM	Bulk
C D POORE FERTILIZER		ALBANY	KY					
00-00-60	22382			60.25		100	Mat	Bulk
05-10-15	24701	05.33	11.59	14.72		104	Blend	Bag
10-10-10	24702	10.87	11.19	09.76		107	Blend	Bag
19-19-19	23005	19.02	19.84	19.92		101	CM	Bulk
19-19-19	23007	19.30	19.91	20.01		101	CM	Bulk
19-19-19	23008	18.61	19.67	19.50		99	CM	Bulk
19-19-19	23009	18.79	20.24	20.08		101	CM	Bulk
19-19-19	23010	18.59	19.03	20.48		99	CM	Bulk
19-19-19	23012	18.41	20.98	18.38		100	CM	Bulk
19-19-19	24700	17.88	17.99	21.69		99	Blend	Bag
Statistical Analysis for Grade : 19-19-19								
Number Samples This Grade : 7								
Average Analysis :								
		18.65	19.66	20.00		100.4		
		CV, %	2.43	4.80	4.98			
22-13-13	23004	22.16	13.87	12.46		101	CM	Bulk
27-13-13	23006	27.38	13.52	13.06		99	CM	Bulk
27-13-13	23011	27.78	13.88	12.64		100	CM	Bulk
34-00-00	22448	33.32				98	Mat	Bulk
46-00-00	22381	46.01				100	Mat	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE 98.74 103.46 101.10								
ALL SAMPLES, CV, % 4.05 5.48 5.24								
NUMBER OF ANALYSIS 14 12 13								
Deficiency Rate - 0.00 %								
PRICES MILL FARM		FRANKLIN	KY					
00-26-25	24739		26.45	26.19		100	CM	Bulk
06-15-15	22146	06.71	14.88	17.19		102	CM	Bulk
06-15-15	22147	06.47	16.75	17.29		108	CM	Bulk
06-16-13	22096	07.59	18.46	16.60		117	CM	Bulk
06-16-13	22145	07.17	17.27	16.41		111	CM	Bulk
06-17-15	22095	07.52	19.09	16.24		110	CM	Bulk
06-17-16	22144	07.26	17.52	15.15		98	CM	Bulk
19-17-11	23457	19.81	17.56	11.78		102	CM	Bulk
19-19-19	24740	20.13	21.45	18.07*		102	CM	Bulk
29-13-11	24187	30.61	12.48	10.91		100	CM	Bulk
30-09-12	23458	29.44	10.16	13.93		100	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE 104.31 104.23 104.58								
ALL SAMPLES, CV, % 6.52 6.23 8.55								
NUMBER OF ANALYSIS 10 11 11								
Deficiency Rate - 9.09 %								
PURSELL INDUSTRIES		SYLACAUGA	AL					
00-00-00	24551+	00.36	01.77	00.73		867	Blend	Liq
01-11-00	23664+	01.30	10.39			97	Mat	Bag
04-06-06	23254+	04.05	11.63	06.62		146	Blend	Bag
04-10-06	21911+	04.56	14.43	05.58		128	Blend	Bag
04-10-06	24642+	04.08	12.00	09.96		126	Blend	Bag
05-03-03	21912+	05.38	06.14	03.69		145	Blend	Bag
05-10-06	24419+	05.20	10.29	07.10		106	Blend	Bag
05-10-08	24421+	05.54	10.98	08.75		109	Blend	Bag
05-10-10	24420+	04.87	10.12	11.21		103	Blend	Bag
06-06-04	23255+	06.60	09.23	05.25		133	Blend	Bag
06-06-04	24643+	06.56	08.21	04.74		123	Blend	Bag
08-16-08	24069+	08.00	15.90	08.08		99	Blend	Liq
08-16-08	24550+	08.06	15.91	07.99		99	Blend	Liq
09-09-06	24998+	10.88	13.34	05.31*		127	Blend	Bag
09-21-14	24634+	09.46	22.63	14.42		106	Blend	Bag
10-10-05	24068+	10.41	09.99	05.24		102	Blend	Liq
10-10-10	21913	09.21	10.04	10.52		98	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P205	K20	XS CL	RV	TYPE	FORM
PURSELL INDUSTRIES		SYLACAUGA		AL				
10-10-10	21914+	10.68	09.97	09.50		101	Blend	Bag
10-10-10	21915	10.06	09.93	09.53		98	Blend	Bag
10-10-10	21926+	10.38	09.03*	08.91*		94*	Blend	Bag
10-45-20	21757+	09.61	45.92	21.56		103	Blend	Bag
11-40-06	21758+	10.98	38.77	06.93		99	Blend	Bag
11-40-06	24064+	11.58	41.96	05.29*		102	Blend	Bag
11-40-06	24635+	12.25	39.95	05.64		101	Blend	Bag
11-40-06	25388+	11.38	41.30	05.61		102	Blend	Bag
12-04-08	24993+	13.90	04.24	09.33		113	Blend	Bag
12-05-07	25389+	12.63	08.60	07.99		124	Blend	Bag
12-06-06	24254+	16.81	07.16	07.37		130	Blend	Bag
13-13-13	24063+	13.94	12.84	13.94		103	Blend	Bag
15-05-13	21951+	15.08	05.46	13.99		104	Blend	Bag
17-05-11	22580+	17.19	05.64	10.62		102	Blend	Bag
18-06-12	24061+	18.98	05.55	12.53		102	Blend	Bag
18-24-10	21948+	20.65	13.56*	10.48		80*	Blend	Bag
18-25-06	21982+	17.08	26.98	04.21*		100	Blend	Bag
22-03-14	21981+	21.52	03.97	16.21		106	Blend	Bag
34-00-00	21925	34.08				100	Blend	Bag
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		105.14	105.77	106.03				
ALL SAMPLES, CV, %		34.47	49.74	66.55				
NUMBER OF ANALYSIS		36	35	34				
Deficiency Rate -		14.28 %						
RICH POND CROP SERVICE		BOWLING GREEN		KY				
04-22-25	21967+	05.25	22.56	25.06		101	CM	Bulk
05-25-29	23133+	05.25	25.04	30.03		98	CM	Bulk
15-18-23	23401	17.13	19.50	22.38*		103	CM	Bulk
15-18-23	23402	17.10	20.03	21.92*		103	CM	Bulk
18-19-20	23380	19.26	19.59	19.52		100	CM	Bulk
18-19-20	23396	18.30	21.54	18.93		101	CM	Bulk
18-19-20	23399	19.00	18.94	20.13		98	CM	Bulk
19-19-19	23381	20.64	16.02*	20.90		97	CM	Bulk
23-26-08	23382	24.66	24.54*	08.93		99	CM	Bulk
28-29-00	23393	28.70	27.43*			97	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		104.08	98.32	98.44				
ALL SAMPLES, CV, %		4.65	7.96	5.45				
NUMBER OF ANALYSIS		10	10	9				
Deficiency Rate -		50.00 %						
RIPS FARM CENTER		TOLLESBORO		KY				
00-00-30	25217			30.98		103	CM	Bulk
00-00-60	25209			60.49		100	Mat	Bulk
05-10-15	25156	04.70	09.86	15.62		101	Blend	Bulk
08-08-13	25213	07.86	08.77	16.19	*	108	CM	Bulk
09-09-09	25214	09.90	10.43	10.09		104	CM	Bulk
09-18-28	25218	08.36*	16.04*	31.52	*	100	CM	Bulk
15-09-12	25215	14.76	09.17	17.92	*	113	CM	Bulk
18-46-00	25210	17.28	45.86			98	Mat	Bulk
19-13-20	25216	18.37	12.91	22.44	*	100	CM	Bulk
19-19-19	24274	17.24*	18.14	20.21		96*	Blend	Bulk
19-19-19	25155	16.87*	16.48*	21.21		93*	Blend	Bulk
32-09-09	23655	32.77	11.23	08.47*		103	CM	Bulk
46-00-00	25211	46.02				100	Mat	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		95.98	96.74	107.44				
ALL SAMPLES, CV, %		4.89	9.81	12.43				
NUMBER OF ANALYSIS		11	10	11				
Deficiency Rate -		30.76 %						
ROCKCASTLE FARM SUPPLY		MT VERNON		KY				
14-09-14	25313	14.13	09.47	15.36		99	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
ROCKCASTLE FARM SUPPLY		MT VERNON		KY				
14-14-14	25312	14.52	14.95	15.35		105	CM	Bulk
15-15-15	25514	16.58	16.01	17.47		108	CM	Bulk
19-19-19	24008	18.75	19.31	20.51		102	CM	Bulk
19-19-19	24012	18.48	19.08	20.78		101	CM	Bulk
ROYSTER CLARK		TARBORO		NC				
00-00-00	23802+						Mat	Bag
10-10-10	21924	08.96*	09.62	09.75		94*	Blend	Bag
ROYSTER CLARK		HARDIN		KY				
04-11-15	22023	04.90	11.45	17.57		103	CM	Bulk
04-11-15	22024	05.30	12.24	16.44		105	CM	Bulk
05-13-17	22025	05.69	13.48	18.05		104	CM	Bulk
05-13-17	22026	05.87	13.52	17.71		104	CM	Bulk
14-15-24	23723	14.03	14.65	25.57		99	CM	Bulk
17-17-17	23724	18.03	17.51	17.02		100	CM	Bulk
17-17-17	23725	17.81	17.88	17.32		99	CM	Bulk
17-17-17	23726	17.66	18.54	18.26		102	CM	Bulk
17-17-17	23727	17.54	18.72	17.86		102	CM	Bulk
17-17-17	23728	17.80	18.28	17.76		101	CM	Bulk
Statistical Analysis for Grade : 17-17-17								
Number Samples This Grade : 5								
Average Analysis :								
		17.76	18.18	17.64		101.1		
CV, %								
		1.03	2.70	2.73				
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		101.63	101.90	102.90				
ALL SAMPLES, CV, %		6.05	2.96	4.64				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate - 0.00 %								
ROYSTER CLARK		FULTON		KY				
08-21-32	24947	08.16	21.73	32.49		100	CM	Bulk
09-23-30	22154	09.19	22.74	30.19		99	CM	Bulk
09-23-30	22155	09.35	23.07	30.81		101	CM	Bulk
09-23-30	22156	09.94	24.87	27.47*		102	CM	Bulk
18-09-21	24948	18.25	11.18	20.94		102	CM	Bulk
18-09-21	24949	18.85	09.04	21.48		98	CM	Bulk
18-09-21	24950	17.72	10.25	21.86		100	CM	Bulk
21-10-13	23716+	21.48	10.22	14.14		101	CM	Bulk
ROYSTER CLARK		MURRAY		KY				
00-23-30	22285		22.79	29.74		99	CM	Bulk
00-23-30	22286		22.08	31.70		99	CM	Bulk
09-23-30	23717	09.00	23.14	29.85		100	CM	Bulk
09-23-30	23718	08.69	21.91	31.75		99	CM	Bulk
09-23-30	24782	08.20	21.40*	31.57		97	CM	Bulk
09-23-30	24783	08.80	23.47	29.60		100	CM	Bulk
09-23-30	24784	08.74	23.02	30.04		99	CM	Bulk
Statistical Analysis for Grade : 09-23-30								
Number Samples This Grade : 5								
Average Analysis :								
		8.68	22.58	30.56		99.2		
CV, %								
		3.40	3.92	3.32				
10-26-25	23721	09.90	25.67	26.66		99	CM	Bulk
12-30-20	21959	11.97	31.28	19.37		100	CM	Bulk
13-19-25	24785	12.65	18.12	26.37		98	CM	Bulk
19-17-15	23719	19.01	16.81	16.94		100	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		97.01	98.16	102.66				
ALL SAMPLES, CV, %		2.66	3.11	4.52				
NUMBER OF ANALYSIS		9	11	11				
Deficiency Rate - 9.09 %								

TABLE 1. (Continued)

GRADE	NUM	N	P205	K20	XS CL	RV	TYPE	FORM
ROYSTER CLARK		FANCY FARM	KY					
05-12-16	22027	05.74	13.43	17.62		105	CM	Bulk
09-23-30	24105	08.83	23.31	30.29		100	CM	Bulk
09-23-30	24106	09.40	24.04	29.72		102	CM	Bulk
12-30-20	24103	11.45	30.74	20.59		99	CM	Bulk
12-30-20	24104	11.59	30.97	20.36		100	CM	Bulk
18-14-18	23048	18.55	13.46	18.57		98	CM	Bulk
19-13-17	23049	19.12	12.90	17.70		98	CM	Bulk
19-13-17	23050	19.37	13.22	17.51		99	CM	Bulk
21-15-20	24107	21.00	15.03	21.93		101	CM	Bulk
21-15-20	24108	20.84	15.52	20.67		100	CM	Bulk
27-11-14	22624	27.09	11.58	15.03		100	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		99.02	100.63	102.35				
ALL SAMPLES, CV, %		4.89	2.62	2.63				
NUMBER OF ANALYSIS		11	11	11				
Deficiency Rate -	0.00 %							
ROYSTER CLARK		SEDALIA	KY					
03-08-17	22030	03.97	09.24	21.71		113	CM	Bulk
03-08-17	22031	03.44	08.57	21.88		109	CM	Bulk
05-13-22	22032+	05.26	13.10	23.22		99	CM	Bulk
05-13-22	22033+	05.54	12.84	24.58		102	CM	Bulk
05-14-18	22028	06.29	15.11	19.62		105	CM	Bulk
06-15-20	22029	06.23	14.84	22.35		99	CM	Bulk
08-22-29	22480	08.40	23.02	29.52		99	CM	Bulk
08-22-29	22481	08.56	22.89	29.67		99	CM	Bulk
08-22-29	23520	08.80	23.05	29.73		100	CM	Bulk
08-22-29	23521	08.99	22.88	29.46		99	CM	Bulk
09-23-30	23522	08.53	22.72	30.65		99	CM	Bulk
09-23-30	23523	08.72	22.26	31.32		99	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		99.54	99.07	105.24				
ALL SAMPLES, CV, %		6.26	3.53	8.54				
NUMBER OF ANALYSIS		12	12	12				
Deficiency Rate -	0.00 %							
ROYSTER CLARK		ADAIRVILLE	KY					
09-26-23	24186	09.32	25.66	24.00		99	CM	Bulk
11-10-15	25112	11.75	10.28	16.95		104	CM	Bulk
11-33-10	22079+	11.12	32.98	10.23		99	CM	Bulk
13-08-13	25111	13.65	09.00	13.85		103	CM	Bulk
13-34-15	22072	13.13	34.58	15.23		99	CM	Bulk
13-34-15	22076	12.85	33.64	16.18		98	CM	Bulk
13-34-15	22080	13.20	34.40	15.32		99	CM	Bulk
16-09-13	25114	16.45	09.32	13.77		102	CM	Bulk
ROYSTER CLARK		MADISON	WI					
00-00-00	23982+						Mat	Bag
ROYSTER CLARK		COLLINSVILLE	IL					
00-00-22	22351+			21.76		98	Mat	Bulk
00-00-60	22355			60.49		100	Mat	Bulk
00-00-60	22478			60.21		100	Mat	Bulk
00-00-60	22497			60.78		101	Mat	Bulk
00-00-60	22627			60.99		101	Mat	Bulk
00-00-60	22632			61.99		103	Mat	Bulk
00-00-60	22761			60.05		100	Mat	Bulk
00-00-60	23135			61.68		102	Mat	Bulk
00-00-60	24476			61.49		102	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
ROYSTER CLARK		COLLINSVILLE		IL				
Statistical Analysis for Grade : 00-00-60								
Number Samples This Grade : 8								
Average Analysis :								
		.00	.00	60.96		101.5		
CV, %								
		.00	.00	1.16				
00-00-62	23734			62.12		100	Mat	Bulk
00-00-62	24177			61.23		98	Mat	Bulk
00-46-00	22738		46.06			100	Mat	Bulk
00-46-00	23738		46.35			100	Mat	Bulk
00-46-00	24473		45.79			99	Mat	Bulk
05-20-20	23139	05.30	20.88	20.08		103	Mat	Bulk
05-20-20	23737	05.43	21.02	19.67		103	Mat	Bulk
05-20-20	24180	05.51	20.15	20.17		101	Mat	Bulk
06-12-12	21957	06.70	13.14	12.50		108	Blend	Bag
06-12-12	22941	05.33*	11.36	11.99		94*	Blend	Bag
06-12-18	23137	06.41	12.25	17.57		100	Mnfr	Bulk
06-12-18	24708	06.16	12.39	17.56		99	Mnfr	Bulk
06-12-18	25113	06.30	12.63	18.40		103	Mnfr	Bulk
06-24-24	22940	05.69	23.61	26.52		101	Blend	Bag
18-08-00	23136+	18.02	08.38			101	Mat	Bulk
18-46-00	22338	17.77	45.66			99	Mat	Bulk
18-46-00	22353	17.59	45.67			98	Mat	Bulk
18-46-00	22479	17.38	46.08			99	Mat	Bulk
18-46-00	22496	17.70	46.14			99	Mat	Bulk
18-46-00	22562	17.89	45.83			99	Mat	Bulk
18-46-00	22626	17.50	46.06			99	Mat	Bulk
18-46-00	22631	17.76	46.52			100	Mat	Bulk
18-46-00	22694	17.96	45.82			99	Mat	Bulk
18-46-00	22760	17.43	45.70			98	Mat	Bulk
18-46-00	23138	17.71	46.62			100	Mat	Bulk
18-46-00	23743	17.71	46.33			100	Mat	Bulk
18-46-00	24472	17.57	45.40			98	Mat	Bulk
18-46-00	25110	17.43	45.81			98	Mat	Bulk
Statistical Analysis for Grade : 18-46-00								
Number Samples This Grade : 13								
Average Analysis :								
		17.64	45.97	.00		99.4		
CV, %								
		1.02	.78	.00				
21-00-00	23720+	20.94				99	Mat	Bulk
32-00-00	22356	31.65				98	Mat	Liq
32-00-00	23524	32.21				100	Mat	Liq
32-00-00	23722	31.41				98	Mat	Liq
32-00-00	24102	31.49				98	Mat	Liq
32-00-00	24786	31.48				98	Mat	Liq
32-00-00	24951	31.63				98	Mat	Liq
Statistical Analysis for Grade : 32-00-00								
Number Samples This Grade : 6								
Average Analysis :								
		31.64	.00	.00		98.8		
CV, %								
		.92	.00	.00				
34-00-00	22354	33.00				97	Mat	Bulk
34-00-00	22477	33.60				98	Mat	Bulk
34-00-00	22628	33.98				99	Mat	Bulk
34-00-00	22652	34.26				100	Mat	Bulk
34-00-00	22762	34.50				101	Mat	Bulk
34-00-00	23140	33.69				99	Mat	Bulk
34-00-00	23736	34.12				100	Mat	Bulk
34-00-00	24179	34.50				101	Mat	Bulk
Statistical Analysis for Grade : 34-00-00								
Number Samples This Grade : 8								
Average Analysis :								
		33.95	.00	.00		99.8		
CV, %								
		1.50	.00	.00				
46-00-00	22352	45.99				99	Mat	Bulk
46-00-00	22476	46.07				100	Mat	Bulk
46-00-00	22625	45.96				99	Mat	Bulk
46-00-00	22633	46.06				100	Mat	Bulk
46-00-00	23134	46.11				100	Mat	Bulk
46-00-00	23735	46.13				100	Mat	Bulk
46-00-00	24178	45.91				99	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
ROYSTER CLARK		COLLINSVILLE	IL					
46-00-00	24471	45.77				99	Mat	Bulk
Statistical Analysis for Grade : 46-00-00								
Number Samples This Grade : 8								
Average Analysis :								
		46.00	.00	.00		100.0		
CV, %		.26	.00	.00				
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE 99.54 100.41 101.17								
ALL SAMPLES, CV, % 3.85 2.87 2.83								
NUMBER OF ANALYSIS 46 26 20								
Deficiency Rate - 1.66 %								
ROYSTER CLARK		FRANKLIN	KY					
00-27-24	23739		28.74	24.42		102	CM	Bulk
05-21-21	23740+	05.16*	20.33	23.51		100	CM	Bulk
09-23-31	22059	08.89	23.41	29.86		99	CM	Bulk
09-23-31	22060	08.42	22.11	31.46		97	CM	Bulk
13-15-21	23741+	12.86	15.30	21.80		100	CM	Bulk
14-18-24	22504	14.07	19.11	24.46		102	CM	Bulk
25-11-12	23742+	25.75	12.48	12.05		100	CM	Bulk
26-01-00	23455+	24.97	01.72			97	CM	Bulk
26-01-00	23456+	24.75	01.46			96*	CM	Bulk
26-01-00	23459+	25.92	01.70			101	CM	Bulk
26-01-00	23460+	25.31	01.65			98	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE 97.33 101.63 101.60								
ALL SAMPLES, CV, % 3.32 11.31 4.88								
NUMBER OF ANALYSIS 10 11 7								
Deficiency Rate - 18.18 %								
ROYSTER CLARK		GUTHRIE	KY					
11-23-23	23558+	10.47	21.69*	25.91		98	CM	Bulk
15-08-13	24735	15.25	07.91	14.39		99	CM	Bulk
15-08-13	24736	15.28	08.50	14.05		100	CM	Bulk
15-13-19	24734	16.01	12.91	19.78		98	CM	Bulk
15-13-19	24737	16.35	13.10	18.90		98	CM	Bulk
15-16-15	23555	14.20	15.79	16.91		97	CM	Bulk
15-16-15	23557	15.41	16.52	16.46		101	CM	Bulk
17-17-13	23559+	17.82	16.72	13.01		99	CM	Bulk
19-18-13	23556	20.31	16.85*	14.85		99	CM	Bulk
21-14-12	23141	20.66	13.93	15.30		99	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE 99.54 95.39 104.99								
ALL SAMPLES, CV, % 3.49 2.98 6.63								
NUMBER OF ANALYSIS 10 10 10								
Deficiency Rate - 20.00 %								
ROYSTER CLARK		UTICA	KY					
14-14-14	24466	13.88	16.21	15.09		101	CM	Bulk
14-14-14	24468	14.97	14.82	14.88		100	CM	Bulk
14-14-14	24469	14.74	15.39	15.44		102	CM	Bulk
19-17-19	24465+	17.92	17.72	20.71		100	CM	Bulk
19-17-19	24467+	18.85	16.16	20.25		97	CM	Bulk
19-17-19	24470+	17.85	17.95	20.51		100	CM	Bulk
ROYSTER CLARK		WASHINGTON CH	OH					
05-10-15	25150	04.70	11.89	09.11*		82*	Blend	Bag
05-10-15	25535	04.80	10.92	12.91*		94*	Blend	Bag
05-10-15	25536	05.65	13.56	15.05		112	Blend	Bulk
05-10-15	25539	04.75	11.06	12.67*		93*	Blend	Bag
05-20-20	24279	05.96	21.24	23.46		111	Blend	Bulk
05-20-20	24280	04.66	19.58	20.86		99	Blend	Bulk
05-20-20	24286	04.77	16.56*	20.24		90*	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
ROYSTER CLARK		WASHINGTON CH OH						
06-24-24	24282	06.77	23.86	23.39		100	Blend	Bulk
06-24-24	24285	05.37*	22.82	25.30		97	Blend	Bag
06-24-24	25154	06.05	24.57	23.49		100	Blend	Bulk
10-10-10	24281	08.86*	08.26*	09.67		88*	Blend	Bag
10-15-25	25152	12.97	18.36	16.25*		90*	Blend	Bag
13-13-13	25538+	13.30	14.53	14.69		108	Mnfr	Bag
19-19-19	24284	19.47	17.79	20.37		100	Blend	Bag
19-19-19	25038	09.08*	10.18*	10.23*		51*	Blend	Bulk
19-19-19	25149	18.13	20.15	19.80		101	Blend	Bag
19-19-19	25151	18.02	21.36	19.11		103	Blend	Bulk
19-19-19	25153	18.75	20.06	18.57		101	Blend	Bulk
19-19-19	25537	19.28	20.98	20.15		106	Blend	Bag
Statistical Analysis for Grade : 19-19-19								
Number Samples This Grade : 6								
Average Analysis :								
		17.12	18.42	18.03		94.0		
CV, %		23.26	22.92	21.52				
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		95.67	101.15	94.72				
ALL SAMPLES, CV, %		16.43	16.96	18.37				
NUMBER OF ANALYSIS		19	19	19				
Deficiency Rate - 42.10 %								
RUDOLPH FARM SUPPLY		SALEM KY						
00-00-60	22458			61.03		101	Mat	Bulk
06-17-34	23209+	06.70	17.29	36.38		102	CM	Bulk
09-23-30	24900	08.20	21.63	32.24		98	CM	Bulk
11-28-22	23211	10.35	27.60	24.53		98	CM	Bulk
18-46-00	22459	17.78	46.08			99	Mat	Bulk
24-17-15	23212	22.33*	17.20	16.52		98	CM	Bulk
25-12-16	24901	23.66*	12.53	18.48		98	CM	Bulk
25-12-16	24903	25.42	12.15	17.21		99	CM	Bulk
25-12-16	24904	25.50	11.97	16.90		98	CM	Bulk
25-30-00	23205	25.08	30.96			101	CM	Bulk
26-13-13	24714	23.33*	14.28	15.75		100	CM	Bulk
28-12-12	24902	27.31	12.50	14.00		98	CM	Bulk
32-00-00	23206	31.42				98	Mat	Liq
32-00-00	24200	32.39				101	Mat	Liq
34-00-00	22457	33.03				97	Mat	Bulk
46-00-00	22460	45.50				98	Mat	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		96.72	99.28	106.56				
ALL SAMPLES, CV, %		3.93	3.89	4.90				
NUMBER OF ANALYSIS		15	11	10				
Deficiency Rate - 18.75 %								
SANDIDGE'S STORE		EUBANK KY						
21-15-20	23493	19.41*	15.91	21.62		99	CM	Bulk
28-12-12	23554	27.34	14.25	13.41		103	CM	Bulk
SCHOCHOH CROP SERVICE		RUSSELLVILLE KY						
05-25-30	22071	05.74	25.93	29.06		102	CM	Bulk
06-15-16	24143+	06.65	16.87	17.16		108	CM	Bulk
06-15-16	24145+	06.26	16.18	16.92		104	CM	Bulk
06-30-24	22077	06.53	30.94	24.07		102	CM	Bulk
06-30-24	22078	06.39	29.97	25.01		101	CM	Bulk
09-22-24	24146+	08.87	23.49	25.41		102	CM	Bulk
12-32-13	24183+	12.46	32.07	13.32		98	CM	Bulk
12-32-13	24184+	12.21	31.53	13.91		97	CM	Bulk
18-00-00	24181+	18.35				97	CM	Bulk
18-10-12	24771+	19.56	11.57	11.10*		101	CM	Bulk
19-00-00	24185+	19.13				100	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P205	K20	XS CL	RV	TYPE	FORM
SCHOCHOH CROP SERVICE		RUSSELLVILLE		KY				
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		101.28	102.86	99.87				
ALL SAMPLES, CV, %		6.45	4.66	5.55				
NUMBER OF ANALYSIS		11	9	9				
Deficiency Rate -	9.09 %							
SCHULTZ COMPANY		BRIDGETON		MO				
02-07-07	21754+	02.42	07.35	07.18		106	Blend	Liq
02-07-07	22865+	02.61	07.52	07.48		110	Blend	Liq
05-30-05	21750+	05.15	26.04*	05.64		90*	Blend	Liq
08-00-00	22579+	08.18				102	Blend	Liq
08-14-09	21753+	08.13	14.50	09.57		103	Blend	Liq
08-14-09	22623+	08.00	14.41	09.32		102	Blend	Liq
09-10-15	21898+	09.77	10.56	14.26		103	Blend	Liq
10-12-12	23258+	09.79	14.57	10.88*		106	Blend	Liq
10-12-12	24638+	09.87	11.96	11.70		98	Blend	Liq
10-15-10	22588+	11.38	15.33	09.01*		103	Blend	Liq
10-15-10	24070+	10.54	16.74	09.36		106	Blend	Liq
10-15-10	25531+	10.56	17.39	10.19		110	Blend	Bag
10-60-10	21910+	09.74	57.68*	09.80		96*	Blend	Bag
10-60-10	22411+	09.85	58.66	10.78		98	Blend	Bag
10-60-10	24636+	09.21	56.16*	10.42		94*	Blend	Bag
18-06-12	21952+	18.03	09.44	10.82*		111	Blend	Bag
18-06-12	22866+	18.78	08.26	11.59		109	Blend	Bag
19-24-24	24631+	17.11*	24.72	23.66		97	Blend	Bag
20-30-20	21749+	20.61	28.94	19.77		98	Blend	Bag
20-30-20	22582+	19.75	28.86	19.68		97	Blend	Bag
20-30-20	22587+	20.67	29.88	19.69		100	Blend	Bag
20-30-20	24639+	19.02	29.72	19.45		97	Blend	Bag
20-30-20	25390+	18.73	33.10	19.67		103	Blend	Bag
Statistical Analysis for Grade : 20-30-20								
Number Samples This Grade : 5								
Average Analysis :		19.75	30.10	19.65		99.4		
CV, %		4.49	5.77	.60				
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		100.32	100.92	98.56				
ALL SAMPLES, CV, %		8.82	14.53	5.94				
NUMBER OF ANALYSIS		23	22	22				
Deficiency Rate -	30.43 %							
THE SCOTTS COMPANY		MARYSVILLE		OH				
06-12-00	22863+	06.20	12.76			105	Mat	Bag
09-18-18	23257+	10.24	19.72	18.88		109	Blend	Bag
09-18-18	25532+	10.69	18.60	18.34		106	Blend	Bag
18-09-18	22584+	18.70	08.79	20.67		105	Blend	Bag
19-26-06	21908+	20.43	25.76	07.17		103	Blend	Bag
20-07-08	21909+	21.88	07.30	09.76		110	Blend	Bag
20-07-08	22674+	21.62	07.77	09.67		110	Blend	Bag
20-27-05	21760+	20.89	26.85	05.29		101	Blend	Bag
20-27-05	21949+	20.35	26.87	05.66		101	Blend	Bag
20-27-05	22586+	20.77	28.02	05.38		104	Blend	Bag
20-27-05	24641+	21.55	25.62	06.04		101	Blend	Bag
31-03-10	21761+	30.60	02.66	10.56		98	Blend	Bag
31-03-10	23663+	31.17	03.76	09.36		101	Blend	Bag
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		104.97	101.64	109.29				
ALL SAMPLES, CV, %		5.17	8.64	8.14				
NUMBER OF ANALYSIS		13	13	12				
Deficiency Rate -	0.00 %							
SCOTTS MIRACLE GRO PRODUCTS		PORT WASHINGT		NY				
04-12-04	21746	04.34	12.77	04.24		106	Blend	Liq
04-12-04	21950	04.75	12.98	04.23		109	Blend	Liq

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
SCOTTS MIRACLE GRO PRODUCTS PORT WASHINGT NY								
04-12-04	22404	04.58	12.83	04.51		109	Blend	Bag
06-12-06	23662+	06.34	13.92	06.78		112	Blend	Bag
07-07-07	22864+	08.51	07.42	06.63		108	Blend	Liq
08-18-18	24632	09.70	19.13	19.75		110	Blend	Bag
10-52-10	21748+	10.39	54.53	11.19		105	Blend	Bag
10-52-10	22581+	10.46	54.11	10.87		104	Blend	Bag
15-30-15	21907+	15.38	32.00	15.99		105	Blend	Bag
15-30-15	21953+	15.97	31.89	16.37		106	Blend	Bag
15-30-15	22406+	14.94	31.60	16.01		104	Blend	Bag
15-30-15	24055+	16.24	31.51	14.85		104	Blend	Bag
15-30-15	25523+	15.17	30.92	14.80		101	Blend	Bag
Statistical Analysis for Grade : 15-30-15								
Number Samples This Grade : 5								
Average Analysis :		15.54	31.58	15.60		104.6		
CV, %		3.52	1.33	4.66				
18-18-21	24994+	18.10	20.00	22.52		106	Blend	Bag
30-10-10	22868+	33.07	10.21	11.78		109	Blend	Bag
36-06-06	22867+	36.48	06.27	07.31		103	Blend	Bag
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE			105.85	107.33				
ALL SAMPLES, CV, %			6.78	3.08	6.37			
NUMBER OF ANALYSIS			16	16	16			
Deficiency Rate -			0.00 %					
SCOTTS SIERRA HORT PROD CO MARYSVILLE OH								
12-36-14	24415+	13.30	36.24	14.43		102	Blend	Bag
14-14-14	22676+	13.84	13.89	14.18		99	Blend	Bag
18-06-12	21897	19.58	05.76	12.84		105	Blend	Bag
18-06-12	22675+	19.22	06.09	12.91		105	Blend	Bag
18-06-12	24991+	19.13	05.82	13.06		104	Blend	Bag
20-10-05	24056+	21.88	10.10	05.22		106	Blend	Bag
SECURITY PRODUCTS PHOENIX AZ								
00-00-44	23669			49.19		111	Blend	Bag
00-44-00	23668		43.95			99	Blend	Bag
44-00-00	23667	46.05				104	Blend	Bag
SHELLEY, W.H. GEN MERCHANDISE HILLSBORO KY								
10-26-26	25416	10.30	26.51	26.29		100	CM	Bulk
19-19-19	25422	20.01	19.32	19.38		100	CM	Bulk
22-13-13	25421	22.97	13.66	12.45		101	CM	Bulk
34-00-00	25415	33.85				99	Mat	Bulk
SIMS AG PRODUCTS MT GILEAD OH								
00-00-00	23210+						Mat	Bag
00-00-00	24618+						Mat	Bag
03-00-00	24773+	03.66				121	Blend	Bulk
03-00-00	24817+	00.13*				4*	Blend	Bag
SMITH-DOUGLASS OF KY RUSSELLVILLE KY								
03-17-21	21993	04.40	17.47	22.50		104	CM	Bulk
05-25-30	21989	05.25	25.20	30.07		100	CM	Bulk
05-25-30	21990	05.24	23.80	31.83		99	CM	Bulk
05-25-30	21992	05.54	25.11	30.04		101	CM	Bulk
05-26-07	23944+	06.84	29.81	07.20		109	CM	Bulk
06-24-24	23897	05.85	24.01	25.71		102	Blend	Bag
10-10-10	22563	09.81	10.02	11.08		102	Blend	Bag
10-10-10	23898	09.45	10.31	09.77		98	Blend	Bag
10-20-20	22564	10.06	20.93	19.61		101	Blend	Bag
11-35-11	21955	12.03	35.88	11.35		101	CM	Bulk
17-19-18	23942	18.37	19.21	19.02		100	CM	Bulk
18-18-18	21956	18.48	18.52	18.63		100	CM	Bulk
24-08-20	23941	23.24	07.45*	23.03		99	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P205	K20	XS CL	RV	TYPE	FORM
SMITH-DOUGLASS OF KY		RUSSELLVILLE		KY				
24-08-20	23943	24.70	08.30	19.82		99	CM	Bulk
46-00-00	23398	45.84				99	Mnfr	Bag
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		100.91	100.75	103.13				
ALL SAMPLES, CV, %		8.34	5.14	5.71				
NUMBER OF ANALYSIS		15	14	14				
Deficiency Rate -		6.66 %						
THE SOLARIS GROUP		SAN RAMON		CA				
20-00-00	24637	20.29				101	Blend	Liq
20-20-20	21895+	21.30	20.13	20.25		102	Blend	Bag
SOUTHERN IMPORTERS, INC.		GREENSBORO		NC				
00-00-00	23870+	00.16	00.03*	00.11		19*	Mat	Bag
SPECTRUM GROUP		ST LOUIS		MO				
12-26-06	23259+	12.07	26.65	06.72		102	Blend	Bag
15-13-13	21899+	15.62	13.52	12.32		102	Blend	Bag
15-13-13	22862+	15.67	13.39	12.95		102	Blend	Bag
20-20-20	22412+	20.15	20.08	20.95		101	Blend	Bag
30-10-10	24545+	30.43	09.20	10.81		100	Blend	Bag
SQM NORTHAMERICA		ATLANTA		GA				
00-00-00	23645+						Mat	Bag
00-00-00	25424+						Mat	Bag
15-00-14	25502	13.87		14.88		100	Mat	Bag
S.S. BARDSTOWN		BARDSTOWN		KY				
00-17-35	24346+		18.56	35.13		101	CM	Bulk
00-18-35	24347+		17.93	36.00		100	CM	Bulk
00-18-35	24348+		18.63	35.28		101	CM	Bulk
02-07-47	22839+	03.23	07.48	48.21		102	CM	Bulk
05-14-37	25290+	05.59	14.22	37.24		99	CM	Bulk
08-21-28	24349	07.89	22.17	27.82		99	CM	Bulk
08-21-28	24350	07.93	21.09	29.59		98	CM	Bulk
15-15-15	25254	17.86	17.37	11.79*		104	CM	Bulk
19-19-19	22838	18.95	19.07	20.71		100	CM	Bulk
21-15-20	22844	21.60	18.52	17.17*		103	CM	Bulk
27-30-00	22842	25.87	31.80			99	CM	Bulk
28-06-17	22843	27.98	07.33	18.51		101	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		99.31	103.61	99.28				
ALL SAMPLES, CV, %		8.39	6.78	9.35				
NUMBER OF ANALYSIS		9	12	11				
Deficiency Rate -		16.66 %						
S.S. KY SVC TRIMBLE BR		BEDFORD		KY				
09-18-28	25031	08.86	17.06	29.27		100	CM	Bulk
09-25-25	23683+	09.76	25.20	25.49		99	CM	Bulk
10-05-08	25032	10.48	06.39	09.03		104	CM	Bulk
10-26-26	23677	09.43	25.97	27.87		100	CM	Bulk
15-09-14	25030	15.64	09.81	14.61		100	CM	Bulk
17-08-12	25029	17.39	08.62	13.13		99	CM	Bulk
17-14-21	25028+	16.48	14.63	21.94		100	CM	Bulk
18-09-14	25466	17.55	09.78	15.59		102	CM	Bulk
19-19-19	23678+	18.67	19.78	19.80		101	CM	Bulk
19-19-19	23682	18.33	18.82	19.85		97	CM	Bulk
20-12-18	23684	20.74	12.71	19.58		101	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
S.S. KY SVC TRIMBLE BR		BEDFORD		KY				
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		97.58	100.18	103.57				
ALL SAMPLES, CV, %		2.65	3.84	2.16				
NUMBER OF ANALYSIS		11	11	11				
Deficiency Rate -		0.00 %						
S.S. BOWLING GREEN		BOWLING GREEN		KY				
00-17-35	22780		16.59	35.77		97	CM	Bulk
10-32-16	21969	09.93	32.57	17.99		99	CM	Bulk
10-32-17	21968	10.06	32.69	18.01		99	CM	Bulk
10-36-13	21960	09.95	36.79	12.25		100	CM	Bulk
10-36-13	21962	09.68	36.02	12.68		98	CM	Bulk
13-33-16	21961	12.56	33.60	17.05		100	CM	Bulk
13-33-16	21963	12.36	33.03	17.16		99	CM	Bulk
13-33-16	21964	12.49	33.33	17.12		99	CM	Bulk
13-33-16	21965	12.47	33.15	17.16		99	CM	Bulk
19-19-19	23403	17.89	15.68*	17.70*		87*	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		95.29	98.63	100.63				
ALL SAMPLES, CV, %		1.57	6.36	4.75				
NUMBER OF ANALYSIS		9	10	10				
Deficiency Rate -		10.00 %						
SS COOP BRANDENBURG SERVICE		BRANDENBURG		KY				
08-19-30	24663+	08.85	19.89	29.25		100	CM	Bulk
15-26-19	24661	15.07	25.94	18.82		98	CM	Bulk
15-30-15	24654	14.83	30.96	15.18		98	CM	Bulk
19-19-19	24656	18.92	19.03	20.05		99	CM	Bulk
19-19-19	24657	18.78	19.35	19.59		99	CM	Bulk
19-19-19	24658	18.73	19.78	19.28		99	CM	Bulk
19-19-19	24659	18.73	19.43	19.33		99	CM	Bulk
20-12-18	25480	20.90	13.79	18.08		100	CM	Bulk
21-14-19	25481	21.16	15.89	20.22		101	CM	Bulk
22-14-19	25482	21.70	15.09	19.62		100	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		97.47	101.76	99.85				
ALL SAMPLES, CV, %		1.41	3.21	2.53				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate -		0.00 %						
S.S. COOP INC		BRISTOL		VA				
07-00-00	22965+	08.53				121	Mat	Bag
S.S. CADIZ BRANCH		CADIZ		KY				
05-14-14	22116	06.12	14.96	15.32		103	CM	Bulk
05-14-14	22117	06.40	14.08	16.64		103	CM	Bulk
05-14-14	22118	06.36	14.95	15.46		104	CM	Bulk
05-14-14	22119	06.38	14.66	14.93		102	CM	Bulk
10-26-26	22161	09.34	25.01	28.10		98	CM	Bulk
10-26-26	22162	09.51	24.87	28.00		98	CM	Bulk
10-26-26	22163	09.72	25.04	27.45		98	CM	Bulk
23-15-16	23366	24.34	15.82	16.50		100	CM	Bulk
24-15-15	23367	24.06	16.01	16.27		100	CM	Bulk
24-15-15	23368	23.88	16.65	16.00		101	CM	Bulk
24-15-15	23369	22.41	16.08	17.88		99	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		99.29	98.66	106.09				
ALL SAMPLES, CV, %		7.42	2.96	4.03				
NUMBER OF ANALYSIS		11	11	11				
Deficiency Rate -		0.00 %						

TABLE 1. (Continued)

GRADE	NUM	N	P205	K20	XS CL	RV	TYPE	FORM
SS COOP CALHOUN SERVICE		CALHOUN		KY				
00-16-33	22089+		17.55	33.21		101	CM	Bulk
00-17-33	22090+		18.28	32.37*		100	CM	Bulk
05-14-19	22149	05.88	14.67	20.20		101	CM	Bulk
06-15-20	22051	06.18	15.58	20.23		101	CM	Bulk
06-15-20	22052	06.23	15.56	21.64		104	CM	Bulk
06-15-20	22053	06.22	15.50	20.52		102	CM	Bulk
09-23-30	22148	08.11*	21.09*	32.39		97	CM	Bulk
09-23-30	25117	09.23	24.00	29.01		101	CM	Bulk
15-09-09	25072	15.63	09.39	10.91		103	CM	Bulk
S.S. CAMPBELLSBURG BR		CAMPBELLSBURG		KY				
06-12-18	25361	06.25	12.27	19.19		101	CM	Bulk
10-10-15	24912	10.97	11.01	16.19		103	CM	Bulk
10-10-15	25362	10.67	09.95	16.26		102	CM	Bulk
12-09-14	25360	11.53	09.20	15.13		99	CM	Bulk
13-11-16	25467	14.30	10.70	16.28		98	CM	Bulk
14-14-21	24917	13.97	14.81	22.10		101	CM	Bulk
15-04-05	24913	15.15	04.23	05.79		99	CM	Bulk
16-12-18	24914	16.92	12.19	19.97		102	CM	Bulk
16-12-18	24915	16.30	12.00	20.46		102	CM	Bulk
27-04-08	24916	27.35	04.40	09.43		100	CM	Bulk
27-04-08	24918	28.56	04.36	07.23*		99	CM	Bulk
27-04-09	24919	27.25	04.61	09.64		101	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE			99.88	98.96	103.18			
ALL SAMPLES, CV, %			2.75	4.33	6.31			
NUMBER OF ANALYSIS			12	12	12			
Deficiency Rate -			8.33 %					
S.S. CAMPBELLSVILLE BRANCH		CAMPBELLSVILLE		KY				
17-17-17	24025	17.45	17.67	18.30		99	CM	Bulk
18-00-26	24027	18.56		27.94		101	CM	Bulk
19-13-17	24028	19.82	13.64	18.60		102	CM	Bulk
19-19-19	24024	19.07	20.32	18.92		100	CM	Bulk
19-19-19	24026	19.13	19.14	20.02		99	CM	Bulk
19-19-19	24029	18.94	20.27	19.48		101	CM	Bulk
20-13-18	24030	20.05	14.17	18.79		101	CM	Bulk
24-15-15	24023	23.89	15.80	16.66		100	CM	Bulk
S.S. OWINGSVILLE CARLISLE SERVICE		CARLISLE		KY				
16-08-23	23977+	16.66	09.35	24.10		101	CM	Bulk
19-10-13	23974	19.88	11.06	14.20		101	CM	Bulk
19-19-19	23979	18.92	19.19	20.17		99	CM	Bulk
19-19-19	23985	18.74	19.00	20.60		99	CM	Bulk
22-12-15	23978	22.10	12.12	17.01		100	CM	Bulk
24-15-15	23973	22.96	15.52	16.12		97	CM	Bulk
25-12-16	23976	25.04	13.07	17.26		100	CM	Bulk
25-12-16	23983	25.12	12.79	17.32		100	CM	Bulk
25-12-16	23984	25.08	13.04	16.13		100	CM	Bulk
27-13-13	23972	27.27	14.15	13.50		101	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE			98.27	100.97	103.14			
ALL SAMPLES, CV, %			1.68	2.45	2.78			
NUMBER OF ANALYSIS			10	10	10			
Deficiency Rate -			0.00 %					
S.S. CLAY SERVICE		CLAY		KY				
00-23-30	24542		22.57	31.01		100	CM	Bulk
00-23-30	24543		22.73	31.16		101	CM	Bulk
06-15-40	24533	06.48	17.14	38.23*		102	CM	Bulk
06-15-40	24540	05.60	15.54	39.97		99	CM	Bulk
07-18-36	24541	06.73	18.50	36.44		100	CM	Bulk
07-18-36	24544	06.53	18.93	35.88		100	CM	Bulk
09-23-30	24531	08.48	23.74	29.20		99	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
<hr/>								
S.S. CLAY SERVICE		CLAY	KY					
09-23-30	24532	08.75	23.01	29.79		99	CM	Bulk
<hr/>								
S.S. GRN RVR SVC ADAIR CO BR		COLUMBIA	KY					
09-18-26	25306	08.20*	17.60	28.68		100	CM	Bulk
17-12-17	25301	18.28	12.91	17.29		101	CM	Bulk
17-12-18	25305	16.68	12.28	18.94		99	CM	Bulk
19-19-19	23531	17.99	19.11	21.25		99	CM	Bulk
19-19-19	23534	18.20	19.67	21.01		100	CM	Bulk
20-09-14	23532	20.67	10.17	15.73		104	CM	Bulk
23-11-11	25302	23.19	10.69	12.34		98	CM	Bulk
23-11-11	25303	23.74	10.96	11.74		99	CM	Bulk
23-11-11	25304	23.34	11.90	12.03		101	CM	Bulk
24-10-10	25307	23.41	10.80	12.00		100	CM	Bulk
24-10-10	25308	24.17	10.89	11.07		100	CM	Bulk
24-11-16	23533	23.24	11.78	17.99		100	CM	Bulk
<hr/>								
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE 97.77 100.18 106.00								
ALL SAMPLES, CV, % 4.18 4.41 4.09								
NUMBER OF ANALYSIS 12 12 12								
Deficiency Rate - 8.33 %								
<hr/>								
S.S. CYNTHIANA		CYNTHIANA	KY					
06-12-19	25194	06.22	12.93	19.77		101	CM	Bulk
07-01-14	25196	07.81	01.82	14.38		101	CM	Bulk
08-07-17	25188	08.54	07.85	17.62		102	CM	Bulk
09-00-11	25190	09.27		10.81		98	CM	Bulk
09-18-27	25193	04.71*	04.86*	44.36	*	105	CM	Bulk
10-11-10	25192	11.96	10.64	09.78*		98	CM	Bulk
12-00-32	25197	12.93		31.30		98	CM	Bulk
13-05-16	25191	13.85	06.32	16.58		104	CM	Bulk
15-13-19	25195+	15.41	13.37	18.37		97	CM	Bulk
17-00-23	25189	18.28		25.49		105	CM	Bulk
<hr/>								
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE 98.12 82.42 108.84								
ALL SAMPLES, CV, % 17.49 32.27 19.45								
NUMBER OF ANALYSIS 10 7 10								
Deficiency Rate - 20.00 %								
<hr/>								
S.S. BOYLE BRANCH		DANVILLE	KY					
22-17-17	23731	20.76	18.73	17.81		101	CM	Bulk
23-00-30	23732	22.40		31.32		100	CM	Bulk
23-00-30	23733	22.96		30.85		101	CM	Bulk
<hr/>								
S.S. HARDIN		ELIZABETHTOWN	KY					
00-19-34	23438		20.39	35.03		102	CM	Bulk
19-19-19	23434	19.80	19.46	19.22		100	CM	Bulk
19-19-19	23436	19.34	20.37	18.93		101	CM	Bulk
19-19-19	23437	18.35	19.69	20.17		99	CM	Bulk
19-19-19	23439	19.33	21.28	17.59*		101	CM	Bulk
19-19-19	23440	19.04	19.40	20.28		100	CM	Bulk
19-19-19	23443	18.82	19.80	19.72		100	CM	Bulk
Statistical Analysis for Grade : 19-19-19								
Number Samples This Grade : 6								
Average Analysis : 19.11 20.00 19.31 100.6								
CV, % 2.60 3.57 5.15								
27-13-13	23435	26.96	13.95	14.05		100	CM	Bulk
30-00-20	23441	29.91		21.44		100	CM	Bulk
30-00-20	23442	29.85		21.14		99	CM	Bulk
32-06-12	25351	31.18	07.60	13.23		100	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P205	K20	XS CL	RV	TYPE	FORM
S.S. HARDIN		ELIZABETHTOWN KY						
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		98.32	103.06	102.00				
ALL SAMPLES, CV, %		2.10	4.14	3.89				
NUMBER OF ANALYSIS		10	9	11				
Deficiency Rate -		9.09 %						
S.S. TODD SVC		ELKTON KY						
04-11-45	24375	04.20	11.72	45.46		100	CM	Bulk
04-11-45	24376	04.22	11.96	44.57		99	CM	Bulk
04-11-45	24377	04.21	11.41	45.55		99	CM	Bulk
04-11-45	24378	04.20	11.66	45.90		101	CM	Bulk
17-11-12	24769+	17.98	12.75	12.11		102	CM	Bulk
17-11-12	24770+	16.49	11.50	12.22		96*	CM	Bulk
17-11-17	24738	16.95	11.58	17.00		97	CM	Bulk
19-13-19	24768	19.68	13.56	18.83		98	CM	Bulk
25-07-20	24133	24.62	07.96	21.67		100	CM	Bulk
26-23-00	24379	25.08	23.20			98	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		97.47	101.64	100.08				
ALL SAMPLES, CV, %		3.68	3.18	3.20				
NUMBER OF ANALYSIS		10	10	9				
Deficiency Rate -		10.00 %						
SSCINC-KENTUCKIANA SV		EMINENCE KY						
12-24-24	24647	11.56	24.32	25.70		99	CM	Bulk
15-06-33	24649+	14.83	06.44	34.66		101	CM	Bulk
15-08-12	25178	15.37	08.44	12.87		100	CM	Bulk
15-14-21	25179	14.24	13.99	21.96		99	CM	Bulk
15-15-15	24650	15.44	16.19	16.75		102	CM	Bulk
21-04-23	25180	20.30	04.90	24.45		99	CM	Bulk
23-00-30	23290	22.58		30.38		99	CM	Bulk
23-13-18	24645	22.32	14.55	18.69		99	CM	Bulk
26-13-13	24648	25.71	13.82	14.66		98	CM	Bulk
31-09-12	24651	30.42	09.27	12.43		99	CM	Bulk
31-09-12	24652	30.04	08.49	13.90		98	CM	Bulk
35-00-14	24646	34.20		14.66		98	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		96.47	100.17	104.40				
ALL SAMPLES, CV, %		1.94	3.31	3.61				
NUMBER OF ANALYSIS		12	10	12				
Deficiency Rate -		0.00 %						
S.S. CYN PENDLETON BRANCH		FALMOUTH KY						
06-06-06	25048	07.06	06.62	07.12		104	CM	Bulk
06-12-18	25066	06.06	12.87	19.24		102	CM	Bulk
07-05-09	25044	08.25	05.41	10.05		106	CM	Bulk
09-08-12	25046	09.36	08.61	12.78		103	CM	Bulk
09-08-12	25047	10.12	07.88	12.73		103	CM	Bulk
09-18-27	25067	09.10	18.12	28.38		100	CM	Bulk
11-09-13	25042	11.82	10.03	14.06		104	CM	Bulk
11-09-13	25043	12.93	08.93	14.58		105	CM	Bulk
15-13-20	25065	14.91	13.53	21.85		100	CM	Bulk
24-13-15	25045	24.12	13.34	16.38		100	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		101.75	100.79	104.18				
ALL SAMPLES, CV, %		5.96	4.15	1.66				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate -		0.00 %						
S.S. FLEMINGSBURG		FLEMINGSBURG KY						
04-11-43	23306+	04.12	10.27*	45.67		99	CM	Bulk
08-22-30	23312	08.54	23.09	30.34		99	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
S.S. FLEMINGSBURG		FLEMINGSBURG		KY				
19-19-19	23307	19.12	18.69	19.91		98	CM	Bulk
19-19-19	23309	19.49	19.21	19.99		100	CM	Bulk
19-19-19	23310	18.24	19.02	20.09		98	CM	Bulk
19-19-19	23314	18.26	19.32	20.69		99	CM	Bulk
32-09-09	23304	32.05	09.87	10.62		100	CM	Bulk
32-09-09	23305	32.06	09.72	10.27		99	CM	Bulk
32-09-09	23315	31.92	10.42	10.50		101	CM	Bulk
32-09-09	23317	32.12	10.13	10.27		100	CM	Bulk
32-09-09	23318	32.10	09.83	09.63		98	CM	Bulk
Statistical Analysis for Grade : 32-09-09								
Number Samples This Grade : 5								
Average Analysis :		32.05	9.99	10.25		100.0		
CV, %		.24	2.81	3.72				
32-09-10	23316	31.93	10.47	10.24		100	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		98.31	99.31	103.62				
ALL SAMPLES, CV, %		2.17	4.06	2.60				
NUMBER OF ANALYSIS		12	12	12				
Deficiency Rate -		8.33 %						
S.S. ANDRSN-FRANKLN SVC		FRANKFORT		KY				
12-00-12	25018	12.97		13.23		101	CM	Bulk
12-00-13	25017	12.43		14.17		103	CM	Bulk
12-00-13	25019	12.48		14.36		105	CM	Bulk
17-00-25	25015	16.37		25.40		99	CM	Bulk
17-00-25	25016	17.29		25.28		101	CM	Bulk
19-00-29	25499	19.20		29.19		99	CM	Bulk
19-03-26	25024	19.75	04.52	26.15		101	CM	Bulk
19-03-26	25025	19.51	04.46	26.24		101	CM	Bulk
19-19-19	25007	18.82	20.22	18.86		100	CM	Bulk
23-00-23	25013	23.25		24.54		100	CM	Bulk
23-00-23	25014	23.61		24.62		101	CM	Bulk
29-11-00	25023	30.05	11.60			100	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		99.18	105.56	101.77				
ALL SAMPLES, CV, %		2.18	5.80	3.20				
NUMBER OF ANALYSIS		12	4	11				
Deficiency Rate -		0.00 %						
S.S. SIMPSON		FRANKLIN		KY				
05-13-35	22057	04.57*	13.01	36.25		98	CM	Bulk
08-20-27	22098	07.48	19.83	29.02		98	CM	Bulk
09-24-27	22505	09.26	25.29	27.61		100	CM	Bulk
09-24-27	22506	09.31	24.12	29.24		100	CM	Bulk
09-25-23	22066	09.68	25.36	23.22		99	CM	Bulk
09-25-23	22070	09.43	25.42	23.35		99	CM	Bulk
10-27-24	22065	10.33	26.97	23.71		97	CM	Bulk
10-27-24	22067	09.93	26.41	25.75		98	CM	Bulk
11-17-22	22097	11.57	17.20	24.59		102	CM	Bulk
26-32-00	22056	24.99	32.46			97	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		95.75	98.63	102.89				
ALL SAMPLES, CV, %		4.59	2.59	3.84				
NUMBER OF ANALYSIS		10	10	9				
Deficiency Rate -		10.00 %						
S.S. GEORGETOWN		GEORGETOWN		KY				
09-06-09	24934	10.10	07.33	09.02*		99	CM	Bulk
15-00-10	24935	15.13		09.92		97	CM	Bulk
17-07-20	24151	17.43	07.90	20.66		103	CM	Bulk
19-00-00	24936	19.29				97	CM	Bulk
19-01-04	24617	18.77	01.75	04.59		100	CM	Bulk
19-24-15	24156	19.13	25.21	15.02		101	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P205	K20	XS CL	RV	TYPE	FORM
S.S. GEORGETOWN								
		GEORGETOWN	KY					
22-00-20	24153	22.52		20.37		100	CM	Bulk
30-00-20	24616	29.48		21.01		98	CM	Bulk
34-00-14	24155	34.08		15.58		100	CM	Bulk
34-00-15	24154	34.91		15.31		101	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		99.20	105.65	101.24				
ALL SAMPLES, CV, %		2.26	2.94	5.16				
NUMBER OF ANALYSIS		10	4	9				
Deficiency Rate -		10.00 %						
S.S. GLASGOW								
		GLASGOW	KY					
13-06-06	22794	12.55	07.26	06.76		101	CM	Bulk
17-17-17	22791	19.71	18.64	14.78*		101	CM	Bulk
17-17-17	22903	18.17	17.59	17.30		99	CM	Bulk
19-19-19	22789	19.60	17.53*	19.80		97	CM	Bulk
19-19-19	22792	18.76	19.13	20.16		99	CM	Bulk
19-19-19	22793	19.09	19.64	19.09		99	CM	Bulk
23-11-11	22905	24.26	11.31	11.44		101	CM	Bulk
26-14-14	22786	26.58	13.33	13.93		98	CM	Bulk
26-14-14	22790	25.90	14.91	13.87		100	CM	Bulk
27-13-13	22904	27.09	13.11	14.91		100	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		100.42	99.55	99.16				
ALL SAMPLES, CV, %		4.28	5.83	6.85				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate -		20.00 %						
S.S. GREEN CO SVC								
		GREENSBURG	KY					
09-09-13	21999	09.67	09.59	15.63		106	CM	Bulk
11-15-20	23107	10.86	15.55	21.10		101	CM	Bulk
16-12-19	25064	16.42	13.72	18.28		99	CM	Bulk
17-17-17	23104	17.90	17.82	17.23		99	CM	Bulk
17-17-17	23108	17.79	18.00	17.81		100	CM	Bulk
17-17-17	23109	17.55	18.67	17.86		101	CM	Bulk
19-19-19	23105	18.76	19.97	19.25		99	CM	Bulk
19-19-19	23110	18.97	20.36	19.50		101	CM	Bulk
21-14-13	23112	19.81	16.17	14.36		102	CM	Bulk
21-14-13	23113	20.41	15.17	14.41		101	CM	Bulk
23-11-11	23106	23.94	11.03	11.43		100	CM	Bulk
25-15-14	23111	23.79	15.90	15.59		99	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		97.64	103.88	102.60				
ALL SAMPLES, CV, %		3.17	3.71	4.14				
NUMBER OF ANALYSIS		12	12	12				
Deficiency Rate -		0.00 %						
S.S. GREENVILLE								
		GREENVILLE	KY					
16-20-21	23184	16.04	20.69	22.28		99	CM	Bulk
16-20-21	23185	15.86	20.97	22.44		99	CM	Bulk
16-20-21	23189	16.08	20.82	22.29		99	CM	Bulk
16-20-21	23190	15.73	20.10	23.36		98	CM	Bulk
17-13-26	23183	17.21	13.99	26.54		100	CM	Bulk
19-19-19	23187	21.83	19.38	17.20*		101	CM	Bulk
19-19-19	23188	19.27	20.03	18.99		100	CM	Bulk
33-00-16	23186	33.80		16.22		100	CM	Bulk
SS HARDIN COOP HODGENVILLE BR								
		HODGENVILLE	KY					
16-26-17	23115	16.16	25.64	17.50		98	CM	Bulk
19-19-19	23114	17.88	19.40	21.08		99	CM	Bulk
19-19-19	23120	19.12	19.24	20.31		100	CM	Bulk
19-19-19	23121	18.40	20.56	19.75		101	CM	Bulk
19-19-19	23122	18.35	20.30	19.78		100	CM	Bulk
20-13-22	23123	19.60	13.56	23.84		99	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
SS HARDIN COOP HODGENVILLE BR HODGENVILLE KY								
20-15-17	25182	19.53	15.84	17.22		99	CM	Bulk
21-17-17	23124	20.67	18.89	18.43		101	CM	Bulk
24-11-15	25183	23.36	11.04	16.54		99	CM	Bulk
25-14-15	23116	23.68	16.22	15.95		100	CM	Bulk
27-13-13	23119	26.66	13.36	14.54		99	CM	Bulk
29-11-11	23117	28.95	11.90	12.68		99	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		95.70	102.14	104.14				
ALL SAMPLES, CV, %		1.85	3.73	2.22				
NUMBER OF ANALYSIS		12	12	12				
Deficiency Rate -	0.00 %							
S.S. BRECK HARDINSBURG KY								
06-18-06	25474	06.61	17.46	05.91		99	Mnfr	Liq
07-14-07	23695	07.28	14.90	07.41	*	105	Mnfr	Liq
07-14-07	25402	07.17	14.81	06.93	*	103	Mnfr	Liq
07-22-30	23696	07.32	22.34	31.35		99	CM	Bulk
08-18-27	25488	08.84	18.46	26.99		99	CM	Bulk
08-21-28	23699	08.64	22.36	28.91		101	CM	Bulk
12-09-13	25487	15.14	11.38	13.07		109	CM	Bulk
18-11-17	25263	18.45	11.18	17.80		101	CM	Bulk
19-19-19	23701	18.54	19.66	20.14		100	CM	Bulk
19-19-19	23702	20.49	19.78	17.89*		101	CM	Bulk
23-11-11	23697	23.70	12.11	11.72		101	CM	Bulk
26-08-18	23698	28.16	08.82	16.83*		101	CM	Bulk
26-08-18	23704	26.65	09.44	17.97		101	CM	Bulk
26-13-13	23693	26.54	14.73	13.56		102	CM	Bulk
27-13-13	23700	27.57	13.17	13.57		99	CM	Bulk
27-13-13	23703	27.98	13.56	13.41		100	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		102.52	102.34	99.34				
ALL SAMPLES, CV, %		5.83	6.25	4.19				
NUMBER OF ANALYSIS		16	16	16				
Deficiency Rate -	12.50 %							
S.S. CNTRL KY SVC HARRDSBRG HARRODSBURG KY								
12-09-14	25162	12.66	09.75	15.15		103	CM	Bulk
13-00-06	25026	13.39		06.08		99	CM	Bulk
16-00-24	25160	16.13		24.54		97	CM	Bulk
16-00-24	25161	17.03		24.98		100	CM	Bulk
17-17-17	24053	16.37	17.87	19.79		100	CM	Bulk
19-00-34	22877	20.46		35.99		104	CM	Bulk
19-04-18	25158	19.19	06.78	17.67		101	CM	Bulk
19-04-18	25159	19.28	05.05	18.17		98	CM	Bulk
21-00-28	22875	23.20		28.47		102	CM	Bulk
23-00-30	22876	23.03		31.60		102	CM	Bulk
23-00-30	24054	22.35		31.29		100	CM	Bulk
32-00-17	25157	32.64		16.60		98	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		99.25	106.93	101.98				
ALL SAMPLES, CV, %		3.67	16.87	4.72				
NUMBER OF ANALYSIS		12	4	12				
Deficiency Rate -	0.00 %							
S.S. HENDERSON HENDERSON KY								
05-15-40	24477	05.44	15.09	40.47		99	CM	Bulk
05-15-40	24479	05.76	15.31	39.99		99	CM	Bulk
09-23-30	24456	08.85	23.32	30.33		100	CM	Bulk
09-23-30	24457	08.95	24.19	29.40		101	CM	Bulk
09-23-30	24458	08.52	23.18	30.56		100	CM	Bulk
09-23-30	24480	08.94	22.74	31.16		100	CM	Bulk
09-23-30	24482	08.97	23.67	29.50		100	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P205	K20	XS CL	RV	TYPE	FORM
S.S. HENDERSON								
		HENDERSON		KY				
Statistical Analysis for Grade : 09-23-30								
Number Samples This Grade : 5								
Average Analysis :								
		8.84	23.42	30.19		100.8		
CV, %								
		2.12	2.32	2.45				
13-14-19	24478	12.69	15.10	19.58		100	CM	Bulk
31-09-12	24475	31.63	08.74	11.37		98	CM	Bulk
33-21-00	24481	32.02	21.55			98	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE								
		98.24	101.39	100.15				
ALL SAMPLES, CV, %								
		2.70	2.72	2.76				
NUMBER OF ANALYSIS								
		10	10	9				
Deficiency Rate - 0.00 %								
S.S. HOPKINSVILLE								
		HOPKINSVILLE		KY				
03-17-17	22123+	03.94	18.70	17.08		103	CM	Bulk
03-17-17	22124+	04.02	17.28	19.28		103	CM	Bulk
04-22-22	22164+	05.14	24.75	23.09		106	CM	Bulk
04-22-22	22167+	04.57	22.62	22.88		99	CM	Bulk
06-16-16	22141	07.17	16.02	18.15		102	CM	Bulk
08-27-24	22015	07.82	26.78	25.25		99	CM	Bulk
08-27-24	22016	07.95	26.46	25.07		98	CM	Bulk
10-26-26	22017	09.72	25.68	27.14		99	CM	Bulk
17-17-22	22946	17.71	17.74	22.90		99	CM	Bulk
21-17-17	22945	17.50*	16.55	18.11		90*	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE								
		95.20	99.69	103.04				
ALL SAMPLES, CV, %								
		9.24	4.44	3.56				
NUMBER OF ANALYSIS								
		10	10	10				
Deficiency Rate - 10.00 %								
S.S. HORSE CAVE								
		HORSE CAVE		KY				
11-23-23	22728	11.83	23.28	23.86		100	CM	Bulk
14-17-24	22724+	14.47	17.47	24.78		100	CM	Bulk
24-10-15	24754	24.01	10.89	16.77		101	CM	Bulk
24-12-12	22723+	24.39	13.31	13.18		101	CM	Bulk
25-06-09	24755	25.34	06.48	09.18		98	CM	Bulk
25-13-13	22730	26.06	12.91	13.00		99	CM	Bulk
25-18-12	22731	24.85	18.90	12.42		100	CM	Bulk
26-12-10	22727	26.83	12.41	11.32		100	CM	Bulk
33-20-00	22726	32.99	20.61			99	CM	Bulk
37-13-00	22725	37.03	14.11			99	CM	Bulk
40-08-00	22721	40.41	09.11			100	CM	Bulk
40-08-00	22729	40.39	08.91			99	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE								
		99.35	100.62	102.13				
ALL SAMPLES, CV, %								
		1.62	2.16	3.68				
NUMBER OF ANALYSIS								
		12	12	8				
Deficiency Rate - 0.00 %								
S.S. KY SVC LAGRANGE BR								
		LAGRANGE		KY				
04-10-42	24748	03.93	10.51	43.36		100	CM	Bulk
09-10-39	24746	08.46	11.47	39.53		100	CM	Bulk
14-11-29	24741	14.17	11.97	29.67		99	CM	Bulk
16-13-25	24742+	16.79	13.13	26.11		100	CM	Bulk
19-15-20	24747	18.66	14.96	20.30		97	CM	Bulk
19-19-19	23929	18.37	19.65	19.94		99	CM	Bulk
19-19-19	24750	18.83	18.40	19.88		97	CM	Bulk
21-18-13	24749+	20.79	18.18	13.95		97	CM	Bulk
21-18-13	24751+	21.60	18.86	12.85		99	CM	Bulk
30-10-12	24743	29.86	10.16	12.26		98	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
S.S. KY SVC LAGRANGE BR LAGRANGE KY								
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		96.87	99.01	101.45				
ALL SAMPLES, CV, %		2.02	2.96	2.26				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate -	0.00 %							
S.S. LANCASTER SVC LANCASTER KY								
02-09-09	23962+	02.56	10.13	09.71		102	CM	Bulk
10-10-09	24036	09.59	10.06	10.13		99	CM	Bulk
15-00-40	24035	14.71		41.37		100	CM	Bulk
19-19-19	23963	18.65	20.00	19.32		99	CM	Bulk
19-19-19	24039	19.10	19.98	19.51		100	CM	Bulk
24-15-15	24037	24.60	15.56	15.67		100	CM	Bulk
24-15-15	24038	24.79	15.82	15.27		100	CM	Bulk
S.S. ANDRSN FRNKLN LWRNCEBERG B LAWRENCEBURG KY								
00-00-53	23167+			54.22		100	CM	Bulk
16-00-28	23165	16.11		29.37		100	CM	Bulk
16-00-30	23168	16.98		30.74		101	CM	Bulk
17-17-17	23657	17.53	19.23	17.73		102	CM	Bulk
19-08-17	25169	20.12	08.87	17.49		101	CM	Bulk
19-08-17	25170	19.38	08.33	17.90		100	CM	Bulk
19-13-17	23169	19.89	14.63	16.15		102	CM	Bulk
21-00-20	25168	21.18		20.23		100	CM	Bulk
21-11-15	23656	21.14	12.45	15.07		101	CM	Bulk
21-13-14	24252	21.05	13.11	15.28		100	CM	Bulk
22-00-20	24250	22.12		20.53		99	CM	Bulk
25-00-14	23166	24.71		15.39		101	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		99.63	104.84	101.48				
ALL SAMPLES, CV, %		1.83	5.99	3.35				
NUMBER OF ANALYSIS		11	6	12				
Deficiency Rate -	0.00 %							
S.S. LEBANON SVC LEBANON KY								
05-13-41	23232+	05.10	13.65	40.76		100	CM	Bulk
14-16-27	23235	14.46	16.88	28.17		100	CM	Bulk
18-17-22	23237	18.08	17.26	22.95		100	CM	Bulk
18-17-22	23238	18.68	17.18	22.04		100	CM	Bulk
19-19-19	23239	19.24	19.99	19.21		100	CM	Bulk
21-15-20	23233	21.09	16.26	20.66		102	CM	Bulk
23-11-20	23234	23.31	11.66	20.94		100	CM	Bulk
27-06-16	23231	27.32	06.40	16.77		101	CM	Bulk
27-11-15	23230	27.67	10.76	16.14		100	CM	Bulk
27-11-15	23236	26.88	11.37	15.55		99	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		99.41	101.26	101.98				
ALL SAMPLES, CV, %		1.53	3.45	2.89				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate -	0.00 %							
S.S. LEITCHFIELD LEITCHFIELD KY								
09-18-27	25050	09.61	18.81	27.09		99	CM	Bulk
17-17-17	23578	18.38	17.88	17.42		103	CM	Bulk
19-13-19	25061	19.77	13.65	20.07		101	CM	Bulk
19-19-19	23579	18.73	18.89	20.59		99	CM	Bulk
19-19-19	23580	20.11	18.94	19.99		101	CM	Bulk
19-19-19	23581	19.20	20.03	19.30		101	CM	Bulk
19-19-19	23582	19.33	18.69	20.70		100	CM	Bulk
19-19-19	23583	19.40	19.93	19.93		101	CM	Bulk
19-19-19	23584	19.49	19.33	19.63		100	CM	Bulk
19-19-19	23587	18.61	20.17	20.51		101	CM	Bulk
19-19-19	23589	18.76	19.35	20.16		99	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P205	K20	XS CL	RV	TYPE	FORM
S.S. LEITCHFIELD								
		LEITCHFIELD		KY				
Statistical Analysis for Grade : 19-19-19								
Number Samples This Grade : 8								
Average Analysis :								
		19.20	19.41	20.10		100.7		
CV, %								
		2.59	2.92	2.43				
23-00-30	23588	22.60		31.20		100	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE								
		99.79	100.82	102.83				
ALL SAMPLES, CV, %								
		2.94	2.67	2.73				
NUMBER OF ANALYSIS								
		12	11	12				
Deficiency Rate - 0.00 %								
S.S. LEXINGTON								
		LEXINGTON		KY				
09-00-17	25167	09.50		18.97		104	CM	Bulk
12-00-08	25501	12.04		08.05*		94*	CM	Bulk
19-00-05	25500	18.48		06.37		97	CM	Bulk
19-00-17	25003+	19.93		17.60		100	CM	Bulk
19-07-18	25006	19.37	07.96	18.12		101	CM	Bulk
21-00-18	25166	21.74		18.24		98	CM	Bulk
21-06-11	25163+	21.31	07.04	11.46		98	CM	Bulk
22-00-20	23843	21.92		21.73		101	CM	Bulk
26-00-12	25164	25.70		12.28		99	CM	Bulk
26-04-10	25004	25.84	04.48	10.52		100	CM	Bulk
28-15-00	25001	27.91	16.12			100	CM	Bulk
29-00-02	25005+	29.85		02.91		101	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE								
		98.47	105.66	101.65				
ALL SAMPLES, CV, %								
		2.39	2.62	6.47				
NUMBER OF ANALYSIS								
		12	4	11				
Deficiency Rate - 8.33 %								
S.S. LIBERTY SVC								
		LIBERTY		KY				
03-10-44	24050+	03.96	09.92	44.78		100	CM	Bulk
18-18-18	24044	17.76	18.08	20.13		101	CM	Bulk
19-19-19	23064	18.92	20.30	19.15		100	CM	Bulk
19-19-19	23065	19.17	19.01	20.68		100	CM	Bulk
19-19-19	24045	18.65	19.71	19.71		99	CM	Bulk
19-19-19	24046	18.55	18.72	20.38		99	CM	Bulk
19-19-19	24047	19.03	18.34	21.24		99	CM	Bulk
19-19-19	24048	18.95	18.53	21.30		99	CM	Bulk
19-19-19	24049	18.71	18.86	20.70		99	CM	Bulk
Statistical Analysis for Grade : 19-19-19								
Number Samples This Grade : 7								
Average Analysis :								
		18.85	19.06	20.45		99.9		
CV, %								
		1.18	3.65	3.84				
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE								
		97.51	98.67	105.19				
ALL SAMPLES, CV, %								
		1.12	3.15	3.97				
NUMBER OF ANALYSIS								
		9	9	9				
Deficiency Rate - 0.00 %								
S.S. LONDON								
		LONDON		KY				
05-10-15	23476	04.65	09.80	17.32	*	107	Blend	Bag
05-10-15	25435	04.40*	09.60	16.12		101	Blend	Bag
05-10-15	25528	04.90	09.80	16.35		104	Blend	Bag
05-20-20	23478	04.65	19.54	21.33		100	Blend	Bag
05-20-20	23771	04.64	20.39	21.15		102	Blend	Bag
05-20-20	25433	04.79	19.03	21.72		99	Blend	Bag
06-12-12	23477	05.25*	11.23	13.81		98	Blend	Bag
09-18-27	25436	08.66	16.85	29.13		102	Blend	Bag
10-10-10	23769	10.26	09.33	10.49		99	Blend	Bag
10-10-10	25434	09.53	09.88	10.13		98	Blend	Bag
16-27-14	24345	15.62	26.68	14.09		98	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
S.S. LONDON		LONDON		KY				
19-16-15	23782	19.50	16.63	15.66		101	CM	Bulk
19-19-19	21918	19.57	18.44	18.66		99	Blend	Bag
19-19-19	23770	18.09	18.53	20.28		98	Blend	Bag
19-19-19	23784	18.77	19.53	19.21		100	Blend	Bag
19-19-19	24338	18.20	19.07	20.27		98	CM	Bulk
19-19-19	24339	18.50	19.21	20.17		99	CM	Bulk
19-19-19	24340	19.04	19.43	19.61		100	CM	Bulk
19-19-19	24341	18.91	19.59	18.68		98	CM	Bulk
19-19-19	24342	18.44	18.62	20.35		98	CM	Bulk
19-19-19	24343	18.62	18.83	19.46		99	CM	Bulk
19-19-19	24519	18.05	20.05	18.61		99	Blend	Bag
19-19-19	25437	18.05	17.28*	20.97		97	Blend	Bag
19-19-19	25529	18.66	19.39	19.70		101	Blend	Bag
Statistical Analysis for Grade : 19-19-19								
Number Samples This Grade : 12								
Average Analysis :								
		18.57	18.99	19.66		99.2		
CV, %								
		2.47	3.81	3.91				
20-13-18	24344	20.44	13.52	18.41		99	CM	Bulk
22-14-19	24337	20.81	15.22	20.56		99	CM	Bulk
27-13-12	23783	27.25	13.72	13.68		100	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE 96.90 98.84 104.48								
ALL SAMPLES, CV, % 3.73 3.63 4.60								
NUMBER OF ANALYSIS 27 27 27								
Deficiency Rate - 11.11 %								
S.S. MADISONVILLE		MADISONVILLE		KY				
09-23-23	24841	10.76	23.94	25.43		108	CM	Bulk
09-23-30	24836	09.00	23.39	29.87		100	CM	Bulk
09-23-30	25076	09.42	22.78	29.76		100	CM	Bulk
09-23-30	25077	08.61	22.09	31.89		99	CM	Bulk
09-23-30	25078	07.28*	18.18*	36.28		94*	CM	Bulk
09-23-30	25079	08.69	22.40	31.44		99	CM	Bulk
09-23-30	25080	08.69	23.44	29.87		100	CM	Bulk
Statistical Analysis for Grade : 09-23-30								
Number Samples This Grade : 6								
Average Analysis :								
		8.61	22.04	31.51		99.2		
CV, %								
		8.35	8.92	7.94				
19-19-19	24842	20.24	20.77	16.40*		100	CM	Bulk
29-10-13	25115	29.43	10.15	14.02		100	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE 99.86 98.34 103.95								
ALL SAMPLES, CV, % 10.21 8.26 9.57								
NUMBER OF ANALYSIS 9 9 9								
Deficiency Rate - 22.22 %								
S.S. MAYSVILLE		MAYSVILLE		KY				
00-00-57	24093+			57.43		100	CM	Bulk
00-06-48	24499+		06.37	48.67		100	CM	Bulk
04-10-31	24498+	04.33	10.21	32.18		100	CM	Bulk
06-13-20	25342	06.42	13.85	21.20		101	CM	Bulk
09-18-28	25343	09.35	18.68	28.28		99	CM	Bulk
11-22-22	24089	11.87	23.80	22.80		103	CM	Bulk
16-06-13	24500	16.45	07.26	14.07		105	CM	Bulk
17-14-22	25341	16.40	14.96	22.33		99	CM	Bulk
22-14-19	24501	21.33	14.11	20.01		97	CM	Bulk
25-05-19	25340	25.25	05.79	19.52		100	CM	Bulk
27-11-15	24087	25.56	13.82	16.35		103	CM	Bulk
27-13-13	24088	26.41	14.87	13.74		101	CM	Bulk
27-13-13	24090	25.13*	16.38	14.87		103	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P205	K20	XS CL	RV	TYPE	FORM
S.S. MAYSVILLE		MAYSVILLE		KY				
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		96.82	104.72	101.88				
ALL SAMPLES, CV, %		4.07	7.65	2.92				
NUMBER OF ANALYSIS		11	12	13				
Deficiency Rate -		7.69 %						
S S MORGANFIELD		MORGANFIELD		KY				
00-16-38	22129		18.22	37.89		103	CM	Bulk
00-16-38	22130		17.76	37.92		102	CM	Bulk
00-16-38	22131		16.41	38.90		100	CM	Bulk
00-19-34	22125		20.66	34.01		102	CM	Bulk
00-21-32	22126		22.15	31.66		101	CM	Bulk
00-21-32	22127		22.50	31.44		102	CM	Bulk
00-21-32	22128		22.66	31.28		102	CM	Bulk
03-16-41	22105	03.36	16.82	41.11		100	CM	Bulk
12-12-31	22106	12.45	13.98	31.28		101	CM	Bulk
S.S. MURRAY		MURRAY		KY				
05-14-18	22115	06.63	15.56	19.05		107	CM	Bulk
09-23-30	22038	08.58	22.84	29.70		98	CM	Bulk
10-26-25	23348	09.53	24.76	27.46		97	CM	Bulk
10-26-25	23349	10.08	24.86	27.24		98	CM	Bulk
10-26-25	23350	09.79	25.54	26.75		98	CM	Bulk
10-26-25	23351	09.44	26.00	25.78		98	CM	Bulk
10-26-25	23352	09.50	26.70	25.10		98	CM	Bulk
10-26-25	23353	10.13	26.27	25.51		99	CM	Bulk
Statistical Analysis for Grade : 10-26-25								
Number Samples This Grade : 6								
Average Analysis :		9.74	25.68	26.30		98.5		
CV, %		3.11	3.02	3.71				
17-17-17	23355	16.83	17.24	19.68		99	CM	Bulk
17-17-17	23356	16.62	18.38	18.06		99	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		95.80	98.90	102.48				
ALL SAMPLES, CV, %		7.92	4.26	4.06				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate -		0.00 %						
S.S. NICHOLASVILLE SVC		NICHOLASVILLE		KY				
12-00-06	25243	12.94		06.46		101	CM	Bulk
13-00-14	25246	14.61		14.68		101	CM	Bulk
14-00-09	25244	15.31		09.60		103	CM	Bulk
14-00-09	25245	14.95		09.44		101	CM	Bulk
30-00-00	25247+	31.27				101	CM	Bulk
30-00-00	25248+	31.81				102	CM	Bulk
SS OWENSBORO		OWENSBORO		KY				
00-23-30	22041		24.08	28.97		101	CM	Bulk
00-23-30	22042		24.79	28.42*		102	CM	Bulk
04-12-24	22043	05.63	13.51	24.38		107	CM	Bulk
09-23-30	24128	09.07	24.13	28.92		101	CM	Bulk
09-23-30	24129	08.80	24.04	29.26		100	CM	Bulk
09-23-30	24779	08.22	22.86	30.59		99	CM	Bulk
09-23-30	24780	07.88*	22.38	31.26		98	CM	Bulk
11-20-27	22044	11.80	23.65	23.76*		103	CM	Bulk
11-20-27	22045	11.32	23.10	23.55*		101	CM	Bulk
S.S. OWENTON		OWENTON		KY				
00-00-58	25173+			57.92		99	CM	Bulk
04-11-43	24166+	05.07	10.90	42.35		99	CM	Bulk
04-11-43	24169+	04.68	11.13	43.01		100	CM	Bulk
08-06-42	24168+	09.06	06.52	40.82		100	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
S.S. OWENTON		OWENTON		KY				
08-07-11	25172	08.08	07.72	11.20		100	CM	Bulk
12-09-14	25171	11.60	09.39	14.70		98	CM	Bulk
14-14-20	25177+	14.45	14.05	20.56		98	CM	Bulk
18-11-17	25176	17.54	11.64	18.45		99	CM	Bulk
20-13-19	25174	19.41	13.22	21.23		101	CM	Bulk
20-13-19	25175	19.08	12.24	21.57	*	100	CM	Bulk
22-14-19	24167	22.06	15.27	18.89		100	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		97.98	99.15	100.24				
ALL SAMPLES, CV, %		7.73	3.48	3.93				
NUMBER OF ANALYSIS		10	10	11				
Deficiency Rate -		0.00 %						
S.S. OWINGSVILLE SVC		OWINGSVILLE		KY				
06-24-25	23340+	05.90	26.08	25.55		102	CM	Bulk
06-25-26	23330	06.07	25.26	27.34		100	CM	Bulk
18-18-18	23342	17.17*	18.75	20.69		98	CM	Bulk
19-19-19	23328	19.14	20.17	19.13		100	CM	Bulk
19-19-19	23329	18.60	20.00	19.39		99	CM	Bulk
19-19-19	23331	19.24	18.77	19.92		99	CM	Bulk
19-19-19	23332	18.86	19.38	20.35		100	CM	Bulk
19-19-19	23333	19.86	19.73	18.86		101	CM	Bulk
19-19-19	23339	18.35	19.83	20.48		100	CM	Bulk
19-19-19	23341	18.93	21.25	19.27		103	CM	Bulk
Statistical Analysis for Grade : 19-19-19								
Number Samples This Grade :		7						
Average Analysis :		18.99	19.87	19.62		100.7		
CV, %		2.56	3.83	3.19				
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		96.92	102.18	102.58				
ALL SAMPLES, CV, %		3.53	3.57	3.69				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate -		10.00 %						
S.S. LEXINGTON PARIS BR		PARIS		KY				
00-00-49	24147+			49.82		100	CM	Bulk
17-00-30	24148	16.82		30.76		100	CM	Bulk
17-06-20	24670	17.16	06.86	20.74		99	CM	Bulk
26-00-26	24671	26.42		26.06		100	CM	Bulk
27-00-24	22150	26.36		25.92		100	CM	Bulk
27-00-24	22151	27.79		24.26		100	CM	Bulk
27-00-24	22152	27.12		25.18		100	CM	Bulk
27-00-24	24094	27.60		24.12		100	CM	Bulk
27-00-24	24149	28.55		23.29		101	CM	Bulk
Statistical Analysis for Grade : 27-00-24								
Number Samples This Grade :		5						
Average Analysis :		27.48	.00	24.55		100.6		
CV, %		2.95	.00	4.13				
33-00-16	24150	31.59*		18.57		99	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		99.78	.00	101.19				
ALL SAMPLES, CV, %		2.61	3.57	3.81				
NUMBER OF ANALYSIS		9	0	10				
Deficiency Rate -		10.00 %						
S.S. COOP. INC-FERT. DIV.		RICHMOND		VA				
00-00-20	23164+			22.24		111	Mat	Bulk
00-00-20	24228+			21.66		108	Mat	Bulk
00-00-22	23620+			21.64		98	Mat	Bulk
00-00-22	23810+			21.54		97	Mat	Bulk
00-00-22	23825+			21.82		99	Mat	Bulk
00-00-50	22314			50.97		101	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P205	K20	XS CL	RV	TYPE	FORM
S.S. COOP. INC-FERT. DIV.		RICHMOND	VA					
00-00-50	22576			50.64		101	Mat	Bulk
00-00-50	22722			51.81		103	Mat	Bulk
00-00-50	22880			50.77		101	Mat	Bulk
00-00-50	23081			50.95		101	Mat	Bulk
00-00-50	23182			51.26		102	Mat	Bulk
00-00-50	23338			51.38		102	Mat	Bulk
00-00-50	23485			49.98		99	Mat	Bulk
00-00-50	23585			50.70		101	Mat	Bulk
00-00-50	23596			50.85		101	Mat	Bulk
00-00-50	23606			50.37		100	Mat	Bulk
00-00-50	23616			50.33		100	Mat	Bulk
00-00-50	23631			50.77		101	Mat	Bulk
00-00-50	23676			50.58		101	Mat	Bulk
00-00-50	23687			50.49		100	Mat	Bulk
00-00-50	23809			50.75		101	Mat	Bulk
00-00-50	23970			50.57		101	Mat	Bulk
00-00-50	24020			50.79		101	Mat	Bulk
00-00-50	24230			51.11		102	Mat	Bulk
00-00-50	24374			49.91		99	Mat	Bulk
00-00-50	24464			49.67		99	Mat	Bulk
00-00-50	24522			49.55		99	Mat	Bulk
00-00-50	24624			49.87		99	Mat	Bulk
00-00-50	24653			49.88		99	Mat	Bulk
00-00-50	24655			50.34		100	Mat	Bulk
00-00-50	24709			50.19		100	Mat	Bulk
00-00-50	24745			50.36		100	Mat	Bulk
00-00-50	24840			50.40		100	Mat	Bulk
00-00-50	25002			50.08		100	Mat	Bulk
00-00-50	25008			50.70		101	Mat	Bulk
00-00-50	25010			50.16		100	Mat	Bulk
Statistical Analysis for Grade : 00-00-50								
Number Samples This Grade : 31								
Average Analysis :				.00	.00	50.52		101.0
CV, %				.00	.00	1.01		
00-00-60	22312			60.44		100	Mat	Bulk
00-00-60	22318			60.49		100	Mat	Bulk
00-00-60	22347			60.68		101	Mat	Bulk
00-00-60	22362			60.97		101	Mat	Bulk
00-00-60	22365			60.57		100	Mat	Bulk
00-00-60	22388			59.84		99	Mat	Bulk
00-00-60	22415			60.77		101	Mat	Bulk
00-00-60	22419			60.53		100	Mat	Bulk
00-00-60	22463			60.03		100	Mat	Bulk
00-00-60	22484			60.17		100	Mat	Bulk
00-00-60	22511			60.77		101	Mat	Bulk
00-00-60	22526			60.58		100	Mat	Bulk
00-00-60	22540			60.22		100	Mat	Bulk
00-00-60	22574			60.44		100	Mat	Bulk
00-00-60	22577			60.33		100	Mat	Bulk
00-00-60	22597			60.34		100	Mat	Bulk
00-00-60	22618			60.99		101	Mat	Bulk
00-00-60	22650			60.54		100	Mat	Bulk
00-00-60	22740			60.80		101	Mat	Bulk
00-00-60	22766			61.30		102	Mat	Bulk
00-00-60	22781			60.42		100	Mat	Bulk
00-00-60	22835			60.43		100	Mat	Bulk
00-00-60	22873			60.57		100	Mat	Bulk
00-00-60	22925			61.01		101	Mat	Bulk
00-00-60	22958			60.80		101	Mat	Bulk
00-00-60	23078			60.95		101	Mat	Bulk
00-00-60	23148			60.71		101	Mat	Bulk
00-00-60	23157			61.86		103	Mat	Bulk
00-00-60	23181			60.63		101	Mat	Bulk
00-00-60	23288			60.68		101	Mat	Bulk
00-00-60	23299			60.83		101	Mat	Bulk
00-00-60	23336			60.05		100	Mat	Bulk
00-00-60	23481			61.14		101	Mat	Bulk
00-00-60	23484			61.00		101	Mat	Bulk
00-00-60	23489			61.32		102	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
S.S. COOP. INC-FERT. DIV.		RICHMOND	VA					
00-00-60	23597			60.72		101	Mat	Bulk
00-00-60	23608			60.99		101	Mat	Bulk
00-00-60	23614			61.44		102	Mat	Bulk
00-00-60	23619			60.84		101	Mat	Bulk
00-00-60	23634			60.65		101	Mat	Bulk
00-00-60	23675			60.88		101	Mat	Bulk
00-00-60	23688			60.62		101	Mat	Bulk
00-00-60	23689			60.44		100	Mat	Bulk
00-00-60	23808			60.64		101	Mat	Bulk
00-00-60	23811			60.62		101	Mat	Bulk
00-00-60	23827			60.34		100	Mat	Bulk
00-00-60	23832			61.11		101	Mat	Bulk
00-00-60	23841			60.37		100	Mat	Bulk
00-00-60	23920			60.35		100	Mat	Bulk
00-00-60	23923			61.13		101	Mat	Bulk
00-00-60	23968			60.97		101	Mat	Bulk
00-00-60	24019			60.47		100	Mat	Bulk
00-00-60	24033			60.85		101	Mat	Bulk
00-00-60	24306			60.49		100	Mat	Bulk
00-00-60	24463			60.22		100	Mat	Bulk
00-00-60	24830			60.35		100	Mat	Bulk
00-00-60	24839			60.33		100	Mat	Bulk
Statistical Analysis for Grade : 00-00-60								
Number Samples This Grade : 57								
Average Analysis :								
		.00	.00	60.66		101.1		
CV, %								
		.00	.00	.60				
00-46-00	22046		46.42			100	Mat	Bulk
00-46-00	22350		46.11			100	Mat	Bulk
00-46-00	22418		45.76			99	Mat	Bulk
00-46-00	22508		46.62			101	Mat	Bulk
00-46-00	22542		46.42			100	Mat	Bulk
00-46-00	22599		45.43			98	Mat	Bulk
00-46-00	22617		45.41			98	Mat	Bulk
00-46-00	22648		46.73			101	Mat	Bulk
00-46-00	22741		45.91			99	Mat	Bulk
00-46-00	22784		45.80			99	Mat	Bulk
00-46-00	22871		46.27			100	Mat	Bulk
00-46-00	23297		46.21			100	Mat	Bulk
00-46-00	23482		45.19			98	Mat	Bulk
00-46-00	23483		46.10			100	Mat	Bulk
00-46-00	23586		45.70			99	Mat	Bulk
00-46-00	23613		46.43			100	Mat	Bulk
00-46-00	23621		46.45			100	Mat	Bulk
00-46-00	23628		45.53			98	Mat	Bulk
00-46-00	23828		46.20			100	Mat	Bulk
00-46-00	24462		46.40			100	Mat	Bulk
Statistical Analysis for Grade : 00-46-00								
Number Samples This Grade : 20								
Average Analysis :								
		.00	46.05	.00		100.1		
CV, %								
		.00	.42	.00				
05-10-15	24593+	04.99	09.29	15.16		97	Blend	Bag
05-10-15	24595+	05.17	09.88	16.00		103	Blend	Bag
09-23-30	22289	08.28	21.76	31.32		97	CM	Bulk
09-23-30	22290	07.98*	21.62	32.34		98	CM	Bulk
09-23-30	24574	08.26	22.93	30.14		98	CM	Bulk
10-10-10	25457	10.58	10.53	11.36		107	Blend	Bag
11-52-00	23924	11.05	51.03			98	Mat	Bulk
11-52-00	24461	10.80	51.75			99	Mat	Bulk
12-31-18	24905	10.97*	31.53	18.73		97	CM	Bulk
15-16-21	23216	14.46	16.89	22.09		99	CM	Bulk
15-17-22	23217	14.44	17.77	22.35		100	CM	Bulk
18-08-00	24667+	17.38	08.97			101	Mat	Bulk
18-46-00	22047	17.29	45.92			98	Mat	Bulk
18-46-00	22313	17.22	46.07			99	Mat	Bulk
18-46-00	22316	17.27	45.49			98	Mat	Bulk
18-46-00	22349	17.32	45.63			98	Mat	Bulk
18-46-00	22360	17.15	46.00			98	Mat	Bulk
18-46-00	22364	17.41	45.96			99	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P205	K20	XS CL	RV	TYPE	FORM
S.S. COOP. INC-FERT. DIV.		RICHMOND	VA					
18-46-00	22389	17.46	46.05			99	Mat	Bulk
18-46-00	22414	17.32	45.40			98	Mat	Bulk
18-46-00	22417	17.48	46.18			99	Mat	Bulk
18-46-00	22462	18.01	45.97			99	Mat	Bulk
18-46-00	22464	17.49	45.41			98	Mat	Bulk
18-46-00	22483	17.51	46.23			99	Mat	Bulk
18-46-00	22510	17.02	46.07			98	Mat	Bulk
18-46-00	22525	17.21	45.73			98	Mat	Bulk
18-46-00	22539	17.40	45.88			98	Mat	Bulk
18-46-00	22573	17.15	45.63			98	Mat	Bulk
18-46-00	22578	17.05	45.54			97	Mat	Bulk
18-46-00	22598	17.32	45.99			99	Mat	Bulk
18-46-00	22620	17.46	46.26			99	Mat	Bulk
18-46-00	22649	17.28	45.59			98	Mat	Bulk
18-46-00	22743	17.57	45.84			99	Mat	Bulk
18-46-00	22767	17.18	46.42			99	Mat	Bulk
18-46-00	22782	17.19	45.99			98	Mat	Bulk
18-46-00	22836	17.33	45.59			98	Mat	Bulk
18-46-00	22872	17.83	45.90			99	Mat	Bulk
18-46-00	22928	17.40	45.95			99	Mat	Bulk
18-46-00	23079	17.59	46.00			99	Mat	Bulk
18-46-00	23150	17.30	45.92			98	Mat	Bulk
18-46-00	23158	17.45	45.91			99	Mat	Bulk
18-46-00	23180	17.36	46.15			99	Mat	Bulk
18-46-00	23193	17.47	45.74			98	Mat	Bulk
18-46-00	23289	16.81	45.72			97	Mat	Bulk
18-46-00	23296	16.81	46.02			98	Mat	Bulk
18-46-00	23311	17.16	45.95			98	Mat	Bulk
18-46-00	23334	16.64	45.86			97	Mat	Bulk
18-46-00	23480	17.04	45.56			97	Mat	Bulk
18-46-00	23488	17.30	46.51			99	Mat	Bulk
18-46-00	23598	17.36	45.98			99	Mat	Bulk
18-46-00	23605	17.34	45.78			98	Mat	Bulk
18-46-00	23615	17.44	45.71			98	Mat	Bulk
18-46-00	23623	17.26	45.71			98	Mat	Bulk
18-46-00	23633	17.59	45.63			98	Mat	Bulk
18-46-00	23636	17.43	45.59			98	Mat	Bulk
18-46-00	23674	17.34	45.58			98	Mat	Bulk
18-46-00	23685	17.43	46.03			99	Mat	Bulk
18-46-00	23690	17.29	45.22			97	Mat	Bulk
18-46-00	23813	17.70	45.88			99	Mat	Bulk
18-46-00	23823	17.79	45.64			99	Mat	Bulk
18-46-00	23831	17.87	45.71			99	Mat	Bulk
18-46-00	23838	17.01	45.10			97	Mat	Bulk
18-46-00	23918	17.34	45.48			98	Mat	Bulk
18-46-00	23922	17.39	45.42			98	Mat	Bulk
18-46-00	23971	17.18	46.04			98	Mat	Bulk
18-46-00	24017	16.77	45.45			97	Mat	Bulk
18-46-00	24034	17.35	45.70			98	Mat	Bulk
18-46-00	24305	17.04	45.81			98	Mat	Bulk
18-46-00	24460	17.29	46.04			99	Mat	Bulk
18-46-00	24825	17.14	45.93			98	Mat	Bulk
18-46-00	24838	18.33	44.34			97	Mat	Bulk
Statistical Analysis for Grade : 18-46-00								
Number Samples This Grade : 59								
Average Analysis :		17.33	45.79	.00		98.7		
CV, %		1.65	.73	.00				
19-19-19	23572	19.16	19.68	19.18		100	CM	Bulk
19-19-19	25458	20.16	20.74	17.25*		103	Blend	Bag
21-15-20	24202	21.53	15.47	20.52		101	CM	Bulk
27-11-15	24573	25.77	11.42	16.50		98	CM	Bulk
28-00-00	23815	27.49				98	Mat	Liq
30-00-00	22947	30.64				102	Mat	Liq
30-00-00	23365	29.69				98	Mat	Liq
30-00-00	24989	29.84				99	Mat	Liq
30-00-00	25073	29.22				97	Mat	Liq
32-00-00	23354	31.41				98	Mat	Liq
32-00-00	25456	31.45				98	Mat	Liq
33-00-00	22315	33.40				99	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
S.S. COOP. INC-FERT. DIV.		RICHMOND	VA					
33-07-10	23573	33.25	08.24	10.70		101	CM	Bulk
34-00-00	22359	33.66				99	Mat	Bulk
34-00-00	22366	34.23				100	Mat	Bulk
34-00-00	22413	33.55				98	Mat	Bulk
34-00-00	22465	33.03				97	Mat	Bulk
34-00-00	22509	34.50				101	Mat	Bulk
34-00-00	22524	33.02				97	Mat	Bulk
34-00-00	22541	33.92				99	Mat	Bulk
34-00-00	22572	34.40				101	Mat	Bulk
34-00-00	22575	34.07				100	Mat	Bulk
34-00-00	22869	33.88				99	Mat	Bulk
34-00-00	22926	34.25				100	Mat	Bulk
34-00-00	22957	33.54				98	Mat	Bulk
34-00-00	23149	34.50				101	Mat	Bulk
34-00-00	23192	34.44				101	Mat	Bulk
34-00-00	23287	34.06				100	Mat	Bulk
34-00-00	23300	34.07				100	Mat	Bulk
34-00-00	23313	33.98				99	Mat	Bulk
34-00-00	23337	33.85				99	Mat	Bulk
34-00-00	23479	33.54				98	Mat	Bulk
34-00-00	23600	34.45				101	Mat	Bulk
34-00-00	23632	33.65				98	Mat	Bulk
34-00-00	23671	34.20				100	Mat	Bulk
34-00-00	23686	34.01				100	Mat	Bulk
34-00-00	23691	34.15				100	Mat	Bulk
34-00-00	23807	33.92				99	Mat	Bulk
34-00-00	23814	34.04				100	Mat	Bulk
34-00-00	23824	34.12				100	Mat	Bulk
34-00-00	23830	34.30				100	Mat	Bulk
34-00-00	23839	33.39				98	Mat	Bulk
34-00-00	23967	34.06				100	Mat	Bulk
34-00-00	24018	33.84				99	Mat	Bulk
34-00-00	24032	34.41				101	Mat	Bulk
34-00-00	24307	34.19				100	Mat	Bulk
34-00-00	24601	33.91				99	Mat	Bag
Statistical Analysis for Grade : 34-00-00								
Number Samples This Grade : 34								
Average Analysis :		33.97	.00	.00		99.9		
CV, %		1.11	.00	.00				
46-00-00	22311	45.91				99	Mat	Bulk
46-00-00	22317	45.88				99	Mat	Bulk
46-00-00	22348	45.94				99	Mat	Bulk
46-00-00	22361	45.91				99	Mat	Bulk
46-00-00	22363	46.04				100	Mat	Bulk
46-00-00	22416	45.88				99	Mat	Bulk
46-00-00	22461	46.04				100	Mat	Bulk
46-00-00	22482	45.45				98	Mat	Bulk
46-00-00	22507	45.71				99	Mat	Bulk
46-00-00	22523	45.79				99	Mat	Bulk
46-00-00	22543	45.40				98	Mat	Bulk
46-00-00	22571	45.98				99	Mat	Bulk
46-00-00	22596	45.98				99	Mat	Bulk
46-00-00	22619	46.07				100	Mat	Bulk
46-00-00	22647	45.91				99	Mat	Bulk
46-00-00	22742	46.00				100	Mat	Bulk
46-00-00	22768	46.11				100	Mat	Bulk
46-00-00	22783	46.03				100	Mat	Bulk
46-00-00	22834	45.76				99	Mat	Bulk
46-00-00	22837	45.85				99	Mat	Bulk
46-00-00	22870	45.75				99	Mat	Bulk
46-00-00	22883	45.81				99	Mat	Bulk
46-00-00	22927	45.74				99	Mat	Bulk
46-00-00	23080	45.67				99	Mat	Bulk
46-00-00	23151	45.87				99	Mat	Bulk
46-00-00	23179	45.94				99	Mat	Bulk
46-00-00	23191	45.80				99	Mat	Bulk
46-00-00	23286	45.91				99	Mat	Bulk
46-00-00	23298	45.82				99	Mat	Bulk
46-00-00	23335	46.05				100	Mat	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P205	K20	XS CL	RV	TYPE	FORM
S.S. COOP. INC-FERT. DIV.		RICHMOND		VA				
46-00-00	23487	45.96				99	Mat	Bulk
46-00-00	23599	45.80				99	Mat	Bulk
46-00-00	23607	45.92				99	Mat	Bulk
46-00-00	23612	45.86				99	Mat	Bulk
46-00-00	23618	45.93				99	Mat	Bulk
46-00-00	23622	45.96				99	Mat	Bulk
46-00-00	23629	45.83				99	Mat	Bulk
46-00-00	23630	46.07				100	Mat	Bulk
46-00-00	23635	45.91				99	Mat	Bulk
46-00-00	23673	45.81				99	Mat	Bulk
46-00-00	23692	45.92				99	Mat	Bulk
46-00-00	23812	45.88				99	Mat	Bulk
46-00-00	23826	45.85				99	Mat	Bulk
46-00-00	23829	45.87				99	Mat	Bulk
46-00-00	23837	45.81				99	Mat	Bulk
46-00-00	23919	45.71				99	Mat	Bulk
46-00-00	23921	45.68				99	Mat	Bulk
46-00-00	23969	45.80				99	Mat	Bulk
46-00-00	24086	45.99				99	Mat	Bulk
46-00-00	24459	45.54				99	Mat	Bulk
46-00-00	24534	46.05				100	Mat	Bulk
46-00-00	24717	46.10				100	Mat	Bulk
46-00-00	24824	45.82				99	Mat	Bulk
46-00-00	24837	45.99				99	Mat	Bulk
Statistical Analysis for Grade : 46-00-00								
Number Samples This Grade : 54								
Average Analysis :		45.87	.00	.00		99.7		
CV, %		.32	.00	.00				
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		98.93	99.71	101.20				
ALL SAMPLES, CV, %		31.48	2.35	24.36				
NUMBER OF ANALYSIS		172	96	107				
Deficiency Rate -		1.05 %						
S.S. RICHMOND SERVICE								
RICHMOND		KY						
06-24-24	24158	05.91	23.46	25.54		98	CM	Bulk
06-25-25	24157+	06.37	26.13	25.86		100	CM	Bag
20-13-17	24159	20.34	13.11	18.46		100	CM	Bulk
30-11-11	24160	29.72	11.26	12.25		99	CM	Bulk
30-11-11	24161	30.38	11.81	11.92		101	CM	Bulk
SS ADAIR RUSSELL SPRINGS								
RUSSELL SPRIN		KY						
10-15-19	25125	10.63	15.54	20.56		102	CM	Bulk
10-15-19	25126	10.17	15.34	20.45		100	CM	Bulk
12-24-24	24223	12.11	23.92	24.60		100	CM	Bulk
16-16-16	25127	16.20	16.19	18.89		101	CM	Bulk
16-16-16	25128	16.25	17.57	16.06		101	CM	Bulk
16-16-16	25130	16.71	17.21	17.07		100	CM	Bulk
17-17-17	24222	18.94	17.23	16.77		99	CM	Bulk
17-17-17	24224	17.54	17.83	18.18		100	CM	Bulk
17-17-17	24226	17.79	17.73	18.31		100	CM	Bulk
19-11-11	24221	19.15	11.03	12.05		100	CM	Bulk
20-13-13	25129	20.07	13.48	14.16		102	CM	Bulk
28-08-10	24225	29.44	09.07	11.04		104	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		99.96	100.50	102.58				
ALL SAMPLES, CV, %		3.14	3.66	4.36				
NUMBER OF ANALYSIS		12	12	12				
Deficiency Rate -		0.00 %						
S.S. COOP, INC								
RUSSELLVILLE		KY						
04-16-04	22852	04.50	16.86	05.04		108	Blend	Bag
05-10-15	22529	05.20	09.26	16.36		103	Blend	Bag
05-10-15	22820	05.46	09.94	16.27		105	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
S.S. COOP, INC		RUSSELLVILLE KY						
05-10-15	23797	05.36	09.95	15.43		102	Blend	Bag
05-10-15	23906	05.60	10.65	15.44		105	Blend	Bag
05-10-15	24395	05.77	10.34	15.31		104	Blend	Bag
05-10-15	24590	04.98	09.43	15.97		101	Blend	Bag
Statistical Analysis for Grade : 05-10-15								
Number Samples This Grade : 6								
Average Analysis :		5.39	9.92	15.79		103.8		
CV, %		5.23	5.30	2.92				
06-12-12	22654	06.10	12.43	12.70		103	Blend	Bag
06-12-18	22531	05.33*	11.20	19.26		100	Blend	Bag
06-24-24	22088	06.28	24.27	23.91		101	Blend	Bag
06-24-24	22319	06.52	23.48	24.76		100	Blend	Bag
06-24-24	22469	06.08	24.30	24.51		101	Blend	Bag
06-24-24	22555	06.43	25.15	25.85		106	Blend	Bag
06-24-24	22851	06.54	25.38	23.16		103	Blend	Bag
06-24-24	23044	06.26	24.04	25.52		102	Blend	Bag
06-24-24	23214	06.12	24.70	25.09		103	Blend	Bag
06-24-24	23570	06.33	25.51	23.53		103	Blend	Bag
06-24-24	24392	06.12	23.64	25.08		100	Blend	Bag
06-24-24	24588	06.14	23.51	25.43		101	Blend	Bag
06-24-24	24600	06.18	24.29	24.75		102	Blend	Bag
06-24-24	25274	05.66	23.75	24.69		99	Blend	Bag
Statistical Analysis for Grade : 06-24-24								
Number Samples This Grade : 12								
Average Analysis :		6.22	24.33	24.69		102.1		
CV, %		3.80	2.93	3.28				
10-10-10	21920	10.47	10.24	10.15		102	Blend	Bag
10-10-10	21927	10.68	09.22	10.22		99	Blend	Bag
10-10-10	22086	09.53	10.21	09.92		99	Blend	Bag
10-10-10	22165	09.92	10.24	10.66		102	Blend	Bag
10-10-10	22300	10.40	09.93	10.75		102	Blend	Bag
10-10-10	22320	10.19	09.82	10.53		101	Blend	Bag
10-10-10	22467	10.31	10.65	10.20		104	Blend	Bag
10-10-10	22528	09.54	09.41	11.25		99	Blend	Bag
10-10-10	22554	09.49	09.90	10.77		99	Blend	Bag
10-10-10	22589	10.18	09.71	10.77		101	Blend	Bag
10-10-10	22590	09.49	09.80	10.80		99	Blend	Bag
10-10-10	22653	10.98	11.24	11.22		111	Blend	Bag
10-10-10	22763	09.48	10.06	10.65		99	Blend	Bag
10-10-10	22770	09.39	09.87	11.57		101	Blend	Bag
10-10-10	22819	09.72	10.07	11.74		103	Blend	Bag
10-10-10	22853	09.87	10.44	10.53		102	Blend	Bag
10-10-10	23016	10.77	09.52	10.38		101	Blend	Bag
10-10-10	23045	10.84	10.03	10.39		104	Blend	Bag
10-10-10	23530	10.48	10.51	10.50		104	Blend	Bag
10-10-10	23569	09.52	10.35	10.67		101	Blend	Bag
10-10-10	23796	09.91	10.29	10.56		102	Blend	Bag
10-10-10	23908	09.28	09.47	11.23		98	Blend	Bag
10-10-10	24393	10.22	09.40	10.95		100	Blend	Bag
10-10-10	24487	10.23	10.03	11.24		103	Blend	Bag
10-10-10	24566	09.82	09.39	11.51		100	Blend	Bag
10-10-10	24597	09.88	09.22	10.46		97	Blend	Bag
10-10-10	24660	10.21	10.03	10.24		101	Blend	Bag
10-10-10	24955	09.87	10.40	10.80		103	Blend	Bag
10-10-10	25273	09.85	10.44	11.40		104	Blend	Bag
Statistical Analysis for Grade : 10-10-10								
Number Samples This Grade : 29								
Average Analysis :		10.01	9.99	10.76		101.8		
CV, %		4.68	4.68	4.33				
10-20-20	22704	10.16	20.42	20.13		101	Blend	Bag
10-20-20	24620	09.24	19.42	20.34		97	Blend	Bag
10-20-20	25272	10.07	20.23	20.47		101	Blend	Bag
12-22-22	24596	10.71*	20.79	23.94		97	Blend	Bag
12-24-24	24594	11.14	23.57	25.76		99	Blend	Bag
15-15-15	22087	14.57	15.33	15.85		101	Blend	Bag
15-15-15	22556	14.27	15.26	16.29		101	Blend	Bag
15-15-15	22850	14.71	15.65	15.82		102	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P205	K20	XS CL	RV	TYPE	FORM
S.S. COOP, INC		RUSSELLVILLE KY						
15-15-15	23015	14.24	15.46	15.78		100	Blend	Bag
15-15-15	23046	14.09	15.61	15.69		100	Blend	Bag
15-15-15	23215	14.26	14.74	17.03		100	Blend	Bag
15-15-15	23528	15.37	14.30	16.81		101	Blend	Bag
15-15-15	24043	15.59	15.94	15.71		105	Blend	Bag
15-15-15	24567	13.85	15.58	16.34		101	Blend	Bag
15-15-15	24589	13.84	15.19	15.92		99	Blend	Bag
15-15-15	24591	14.61	15.71	15.63		102	Blend	Bag
15-15-15	24954	14.40	14.92	16.59		100	Blend	Bag
Statistical Analysis for Grade : 15-15-15								
Number Samples This Grade :				12				
Average Analysis :		14.48	15.30	16.12		101.4		
CV, %		3.73	3.03	2.96				
19-19-19	22468	18.04	18.88	21.14		100	Blend	Bag
19-19-19	22527	17.64	18.17	20.62		97	Blend	Bag
19-19-19	22655	18.99	19.49	18.77		100	Blend	Bag
19-19-19	22764	17.62	19.90	20.83		101	Blend	Bag
19-19-19	22769	18.20	18.20	19.93		97	Blend	Bag
19-19-19	22821	18.33	20.07	19.72		101	Blend	Bag
19-19-19	23014	18.59	19.80	19.80		101	Blend	Bag
19-19-19	23529	18.15	18.78	19.71		98	Blend	Bag
19-19-19	23571	18.07	19.00	20.48		100	Blend	Bag
19-19-19	23694	18.96	18.65	21.06		101	Blend	Bag
19-19-19	23798	18.81	19.08	19.28		100	Blend	Bag
19-19-19	23907	18.35	19.13	20.11		100	Blend	Bag
19-19-19	24394	17.86	18.42	21.57		99	Blend	Bag
19-19-19	24565	17.69	18.67	20.22		98	Blend	Bag
19-19-19	24598	19.39	19.01	18.87		100	Blend	Bag
19-19-19	24662	19.04	18.91	19.07		99	Blend	Bag
19-19-19	25124	17.81	19.43	20.65		100	Blend	Bag
19-19-19	25271	18.70	20.23	18.21		101	Blend	Bag
Statistical Analysis for Grade : 19-19-19								
Number Samples This Grade :				18				
Average Analysis :		18.34	19.10	20.00		100.2		
CV, %		2.94	3.19	4.57				
20-10-10	24619	18.98	10.00	10.26		97	Blend	Bag
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		98.38	100.60	105.56				
ALL SAMPLES, CV, %		5.60	3.93	4.56				
NUMBER OF ANALYSIS		86	86	86				
Deficiency Rate -		2.32 %						
S.S. RUSSELLVILLE		RUSSELLVILLE KY						
08-22-25	23160+	08.81	23.22	25.77		101	CM	Bulk
08-22-25	23161+	08.49	23.17	26.05		100	CM	Bulk
10-27-24	21996	10.39	27.35	24.39		99	CM	Bulk
19-19-19	23154	18.27	19.63	20.07		99	CM	Bulk
19-19-19	23155	18.57	19.72	19.39		99	CM	Bulk
19-19-19	23156	18.89	19.67	20.62		101	CM	Bulk
19-19-19	23163	18.77	19.29	20.06		100	CM	Bulk
19-19-19	23560	20.64	19.01	19.55		101	CM	Bulk
Statistical Analysis for Grade : 19-19-19								
Number Samples This Grade :				5				
Average Analysis :		19.02	19.46	19.93		100.5		
CV, %		4.89	1.56	2.44				
20-15-15	23159	19.83	15.97	15.65		101	CM	Bulk
20-15-15	23162	20.05	15.31	14.90		99	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		98.06	100.93	102.84				
ALL SAMPLES, CV, %		3.50	1.65	2.16				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate -		0.00 %						

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
SS COOP MADISONVILLE SEBREE BR		SEBREE		KY				
09-23-30	22136	09.25	23.95	30.15		102	CM	Bulk
09-23-30	22137	08.15*	21.28*	33.25		98	CM	Bulk
09-23-30	22138	08.88	23.09	30.49		100	CM	Bulk
09-23-30	22139	08.85	23.03	30.34		100	CM	Bulk
09-23-30	22140	09.17	23.26	29.14		99	CM	Bulk
Statistical Analysis for Grade : 09-23-30								
Number Samples This Grade : 5								
Average Analysis :								
		8.86	22.92	30.67		100.3		
CV, %								
		4.89	4.31	4.99				
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE 98.44 99.66 102.24								
ALL SAMPLES, CV, % 4.89 4.31 5.00								
NUMBER OF ANALYSIS 5 5 5								
Deficiency Rate - 20.00 %								
S.S. SHELBYVILLE		SHELBYVILLE		KY				
04-11-44	24811	04.55	11.25	45.60		100	CM	Bulk
04-11-45	24813	03.69*	09.68*	46.25		96*	CM	Bulk
09-17-30	23085+	09.87	17.68	30.32		100	CM	Bulk
09-25-27	24815	09.09	24.88	28.34		99	CM	Bulk
10-25-26	24814	08.05*	21.42*	27.91		89*	CM	Bulk
15-15-27	24812	14.67	13.78*	28.93		96*	CM	Bulk
17-14-20	23083	17.38	14.13	20.45		99	CM	Bulk
22-14-19	23084	23.17	13.60	19.27		99	CM	Bulk
24-26-00	23087	24.85	26.01			98	CM	Bulk
27-13-13	23082	27.95	12.71	13.74		99	CM	Bulk
30-00-20	24810	29.52		21.63		100	CM	Bulk
32-23-00	23086	31.03	24.79			101	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE 97.79 95.77 102.43								
ALL SAMPLES, CV, % 7.62 7.69 2.53								
NUMBER OF ANALYSIS 12 11 10								
Deficiency Rate - 25.00 %								
S.S. SOMERSET		SOMERSET		KY				
00-15-38	22935+		15.06	39.18		100	CM	Bulk
09-09-09	24960	09.34	09.33	09.74		102	CM	Bulk
11-23-23	22930	11.57	23.18	24.74		100	CM	Bulk
14-21-21	22933	14.06	20.98	21.71		99	CM	Bulk
15-13-19	24959	15.33	13.01	20.34		99	CM	Bulk
16-18-18	22934	17.14	18.80	18.28		100	CM	Bulk
17-17-17	22929	17.70	17.75	17.93		100	CM	Bulk
17-17-17	22936	17.60	17.85	18.22		100	CM	Bulk
18-18-18	24956	18.29	18.24	17.92		99	CM	Bulk
18-18-18	24957	18.59	18.39	18.41		100	CM	Bulk
22-17-16	22932	21.78	17.88	17.50		100	CM	Bulk
23-10-10	24958	24.29	10.23	10.57		102	CM	Bulk
24-09-09	22931	24.58	10.18	10.27		102	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE 99.72 100.28 101.85								
ALL SAMPLES, CV, % 2.25 1.80 2.40								
NUMBER OF ANALYSIS 12 13 13								
Deficiency Rate - 0.00 %								
S.S. STANFORD SERVICE		STANFORD		KY				
09-18-27	25255	08.76	19.81	27.44		101	CM	Bulk
14-10-15	25258	14.12	10.30	15.81		101	CM	Bulk
17-09-13	25259	16.82	09.45	13.98		100	CM	Bulk
19-19-19	22601	18.54	19.52	19.77		99	CM	Bulk
20-12-18	25296	19.42	12.50	20.03		100	CM	Bulk
21-15-17	25256	21.12	15.29	18.24		101	CM	Bulk
22-00-25	25260	22.39		26.45		100	CM	Bulk
22-11-17	25297	21.52	11.87	19.29		102	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P205	K20	XS CL	RV	TYPE	FORM
S.S. STANFORD SERVICE		STANFORD		KY				
23-11-17	25295	23.73	11.93	16.74		101	CM	Bulk
23-16-16	25298	23.42	16.88	16.23		100	CM	Bulk
28-09-12	25257	27.22	10.90	13.64		103	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		97.37	102.62	103.17				
ALL SAMPLES, CV, %		2.86	4.14	3.78				
NUMBER OF ANALYSIS		11	10	11				
Deficiency Rate -		0.00 %						
S.S. GALLATIN CO SVC		WARSAW		KY				
12-07-15	25144	12.08	07.47	15.22		101	CM	Bulk
17-14-21	25140	17.26	13.89	21.59		99	CM	Bulk
19-05-24	25142	19.35	05.49	25.38		101	CM	Bulk
19-13-20	25139	19.04	12.70	21.09		100	CM	Bulk
19-13-20	25145	18.53	13.33	20.29		99	CM	Bulk
19-19-19	23617	18.74	18.81	20.01		98	CM	Bulk
26-06-16	23611	26.13	07.06	17.75		101	CM	Bulk
26-14-13	23610	26.88	14.23	13.79		99	CM	Bulk
28-00-18	25143	27.79		19.06		99	CM	Bulk
31-22-00	25141	30.61	22.77			97	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		97.72	99.14	102.99				
ALL SAMPLES, CV, %		1.45	4.86	1.99				
NUMBER OF ANALYSIS		10	9	9				
Deficiency Rate -		0.00 %						
S.S. WINCHESTER		WINCHESTER		KY				
00-10-30	24190+		10.17	30.81		102	Blend	Bag
00-10-30	24563+		08.74*	30.98		97	Blend	Bag
00-10-30	24675+		09.78	29.00		97	Blend	Bag
04-16-04	22881	04.60	16.57	04.64		106	Blend	Bag
04-16-04	23267	04.34	16.45	04.37		104	Blend	Bag
04-16-04	24269	04.53	17.38	04.54		109	Blend	Bag
05-10-10	23760	04.39*	10.24	09.53		97	Blend	Bag
05-10-15	22518	04.99	09.66	18.61		112	Blend	Bag
05-10-15	22771	05.22	09.95	14.86		99	Blend	Bag
05-10-15	22968	04.91	08.96*	15.79		99	Blend	Bag
05-10-15	22969	04.87	09.04*	17.61		106	Blend	Bag
05-10-15	22973	04.77	09.23	15.39		98	Blend	Bag
05-10-15	23293	04.94	09.84	15.46		101	Blend	Bag
05-10-15	23601	04.68	10.71	14.17		98	Blend	Bag
05-10-15	23680	04.67	09.15	16.60		102	Blend	Bag
05-10-15	23730	04.65	09.14	15.17		97	Blend	Bag
05-10-15	23860	04.83	09.90	16.27		104	Blend	Bag
05-10-15	23910	04.76	09.19	16.87		104	Blend	Bag
05-10-15	23915	05.10	09.81	17.17		107	Blend	Bag
05-10-15	24042	05.31	09.77	16.15		104	Blend	Bag
05-10-15	24193	05.32	09.48	15.88		102	Blend	Bag
05-10-15	24258	05.02	09.80	13.94*		95*	Blend	Bag
05-10-15	24259	04.53*	09.07*	19.37		112	Blend	Bag
05-10-15	24261	04.56*	08.90*	16.96		102	Blend	Bag
05-10-15	24266	04.95	09.21	15.03		97	Blend	Bag
05-10-15	24271	05.10	09.20	15.19		98	Blend	Bag
05-10-15	24272	05.52	09.11	14.17		95*	Blend	Bag
05-10-15	24291	05.03	10.22	15.81		103	Blend	Bag
05-10-15	24424	04.88	10.54	14.51		99	Blend	Bag
05-10-15	24427	04.61*	09.06*	14.76		95*	Blend	Bag
05-10-15	24511	04.91	08.97*	15.59		98	Blend	Bag
05-10-15	24560	04.70	09.12	16.15		100	Blend	Bag
05-10-15	24561	04.79	09.23	17.29		105	Blend	Bag
05-10-15	24676	04.64	09.04*	16.55		102	Blend	Bag
05-10-15	24909	04.99	10.06	14.72		99	Blend	Bag
05-10-15	24946	04.88	10.19	14.98		100	Blend	Bag
05-10-15	25022	05.11	10.04	15.50		102	Blend	Bag
05-10-15	25165	04.77	10.22	16.93		107	Blend	Bag
05-10-15	25394	05.28	10.82	15.28		104	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
S.S. WINCHESTER		WINCHESTER		KY				
05-10-15	25412	04.58*	09.14	18.82		110	Blend	Bag
05-10-15	25418	04.80	08.87*	16.85		103	Blend	Bag
05-10-15	25428	04.83	09.75	15.65		101	Blend	Bag
05-10-15	25450	04.99	10.06	18.89		114	Blend	Bag
05-10-15	25493	05.81	09.76	15.59		103	Blend	Bag
Statistical Analysis for Grade : 05-10-15								
Number Samples This Grade : 37								
Average Analysis :		4.92	9.57	16.06		102.5		
CV, %		5.61	5.67	8.48				
05-20-20	23759	05.77	22.14	20.65		108	Blend	Bag
05-20-20	23861	04.90	19.12	22.14		100	Blend	Bag
05-20-20	24268	04.95	19.95	21.75		102	Blend	Bag
05-20-20	24289	05.04	20.52	21.26		103	Blend	Bag
05-20-20	24515	04.69	19.66	21.78		101	Blend	Bag
05-20-20	25420	05.25	21.70	20.71		106	Blend	Bag
05-20-20	25497	04.92	20.08	21.23		102	Blend	Bag
Statistical Analysis for Grade : 05-20-20								
Number Samples This Grade : 7								
Average Analysis :		5.07	20.45	21.36		103.6		
CV, %		6.89	5.35	2.62				
06-12-12	22684	05.09*	10.50*	13.83		95*	Blend	Bag
06-12-12	23753	05.50*	12.19	11.21		97	Blend	Bag
06-12-12	23758	05.59	12.55	13.81		105	Blend	Bag
06-24-24	23818	05.66	23.28	25.26		99	Blend	Bag
06-24-24	24265	06.19	23.33	25.59		101	Blend	Bag
06-24-24	24455	05.89	24.13	25.07		101	Blend	Bag
06-24-24	24816	05.81	24.38	24.34		100	Blend	Bag
08-10-15	24256	08.17	08.80*	16.43		102	Blend	Bag
08-10-15	25021	07.69	10.31	15.31		101	Blend	Bag
09-18-27	23679	08.77	17.80	26.65		98	Blend	Bag
09-18-27	24192	08.38	16.86	28.36		100	Blend	Bag
09-18-27	24557	08.45	17.82	28.04		101	Blend	Bag
09-18-27	24562	08.38	16.12*	28.84		99	Blend	Bag
10-06-04	24454	09.38	05.72	04.92		98	Blend	Bag
10-10-10	22515	09.42	10.73	10.99		103	Blend	Bag
10-10-10	22600	09.87	09.75	09.92		98	Blend	Bag
10-10-10	22686	09.67	10.63	10.94		103	Blend	Bag
10-10-10	22689	10.46	10.23	08.42*		98	Blend	Bag
10-10-10	22773	09.87	10.17	11.05		102	Blend	Bag
10-10-10	22879	10.11	09.75	11.41		102	Blend	Bag
10-10-10	22882	11.59	11.44	09.99		111	Blend	Bag
10-10-10	22966	09.99	10.62	12.11		107	Blend	Bag
10-10-10	22967	09.36	10.53	09.79		99	Blend	Bag
10-10-10	22974	09.34	09.54	10.94		98	Blend	Bag
10-10-10	23264	09.34	10.61	10.94		102	Blend	Bag
10-10-10	23301	09.20	09.92	11.02		99	Blend	Bag
10-10-10	23603	09.13	10.15	10.66		99	Blend	Bag
10-10-10	23658	09.49	11.12	07.77*		97	Blend	Bag
10-10-10	23729	09.86	10.79	10.03		102	Blend	Bag
10-10-10	23754	09.45	10.06	09.70		97	Blend	Bag
10-10-10	23757	09.91	12.64	11.39		113	Blend	Bag
10-10-10	23844	09.96	10.43	12.16		106	Blend	Bag
10-10-10	23862	09.73	10.75	10.50		103	Blend	Bag
10-10-10	23916	09.77	10.08	09.90		99	Blend	Bag
10-10-10	24022	09.36	10.64	09.04*		98	Blend	Bag
10-10-10	24031	09.68	09.93	11.50		102	Blend	Bag
10-10-10	24040	09.53	09.16	11.27		98	Blend	Bag
10-10-10	24195	09.61	10.53	12.31		106	Blend	Bag
10-10-10	24251	09.78	10.24	11.74		104	Blend	Bag
10-10-10	24255	09.34	09.69	09.73		95*	Blend	Bag
10-10-10	24267	10.90	09.73	13.59		110	Blend	Bag
10-10-10	24292	10.13	09.85	10.50		101	Blend	Bag
10-10-10	24425	09.67	10.54	08.84*		98	Blend	Bag
10-10-10	24453	09.66	09.65	11.03		99	Blend	Bag
10-10-10	24512	09.47	09.51	11.77		100	Blend	Bag
10-10-10	24514	09.32	10.04	09.21*		95*	Blend	Bag
10-10-10	24558	09.96	10.27	11.00		103	Blend	Bag
10-10-10	24625	09.24	10.72	11.67		104	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P205	K20	XS CL	RV	TYPE	FORM
S.S. WINCHESTER		WINCHESTER		KY				
10-10-10	24674	09.67	10.47	11.78		105	Blend	Bag
10-10-10	24945	09.78	09.52	11.37		100	Blend	Bag
10-10-10	25009	10.26	10.57	12.92		110	Blend	Bag
10-10-10	25020	09.13	09.38	11.46		97	Blend	Bag
10-10-10	25027	10.04	10.21	12.12		106	Blend	Bag
10-10-10	25395	09.07*	10.62	09.45		97	Blend	Bag
10-10-10	25413	10.17	09.65	09.89		98	Blend	Bag
10-10-10	25417	09.95	10.93	09.91		103	Blend	Bag
10-10-10	25444	09.55	10.72	09.91		101	Blend	Bag
10-10-10	25451	09.62	09.78	10.90		99	Blend	Bag
10-10-10	25496	09.48	10.07	12.09		103	Blend	Bag
10-10-10	25503	08.01*	08.54*	09.77		86*	Blend	Bag
10-10-10	25526	09.66	09.97	10.90		100	Blend	Bag
Statistical Analysis for Grade : 10-10-10								
Number Samples This Grade : 47								
Average Analysis :		9.69	10.23	10.75		101.6		
CV, %		5.37	6.40	10.92				
10-10-20	24257	09.73	09.70	20.57		100	Blend	Bag
12-12-12	22517	12.20	12.71	13.12		105	Blend	Bag
12-12-12	22683	10.97	12.18	14.02		101	Blend	Bag
12-12-12	22685	11.63	11.60	14.24		102	Blend	Bag
12-12-12	23755	11.70	12.93	14.53		107	Blend	Bag
12-12-12	23817	11.39	11.76	11.61		96*	Blend	Bag
12-12-12	24273	11.51	12.07	11.91		98	Blend	Bag
12-12-12	24423	11.19	11.56	14.94		102	Blend	Bag
12-12-12	25495	11.63	12.62	11.92		100	Blend	Bag
Statistical Analysis for Grade : 12-12-12								
Number Samples This Grade : 8								
Average Analysis :		11.52	12.17	13.28		101.8		
CV, %		3.19	4.32	9.98				
13-34-11	23295+	12.37	33.31	12.41		99	CM	Bag
14-18-25	24264+	13.59	17.86	26.38		100	Blend	Bag
15-15-15	24194	15.10	15.03	15.88		101	Blend	Bag
15-15-15	24263	14.52	16.40	15.69		103	Blend	Bag
15-15-15	24452	15.27	15.41	16.68		104	Blend	Bag
15-15-15	25429	14.47	15.43	16.26		101	Blend	Bag
19-19-19	22516	18.14	19.31	20.63		101	Blend	Bag
19-19-19	22682	18.20	19.49	20.77		101	Blend	Bag
19-19-19	22772	19.32	19.91	19.90		103	Blend	Bag
19-19-19	22878	19.51	18.33	20.63		101	Blend	Bag
19-19-19	22975	19.23	18.10	20.95		100	Blend	Bag
19-19-19	23265	18.40	18.95	20.79		101	Blend	Bag
19-19-19	23302	19.23	20.02	19.29		102	Blend	Bag
19-19-19	23604	18.37	18.16	19.88		98	Blend	Bag
19-19-19	23659	18.50	19.13	20.57		101	Blend	Bag
19-19-19	23681	18.88	19.16	20.47		102	Blend	Bag
19-19-19	23816	19.74	20.00	19.36		103	Blend	Bag
19-19-19	23845	18.85	18.82	20.44		101	Blend	Bag
19-19-19	23859	18.12	18.73	20.11		99	Blend	Bag
19-19-19	23917	17.60	18.80	21.24		99	Blend	Bag
19-19-19	24021	19.75	18.96	20.06		102	Blend	Bag
19-19-19	24041	18.21	19.02	20.27		100	Blend	Bag
19-19-19	24191	18.73	20.18	19.50		102	Blend	Bag
19-19-19	24260	17.74	19.33	20.91		100	Blend	Bag
19-19-19	24262	18.78	19.16	21.46		103	Blend	Bag
19-19-19	24270	19.29	19.44	19.63		102	Blend	Bag
19-19-19	24290	18.59	19.68	19.69		101	Blend	Bag
19-19-19	24426	18.73	18.94	20.11		100	Blend	Bag
19-19-19	24451	18.96	19.18	19.90		101	Blend	Bag
19-19-19	24510	20.03	19.65	18.01		102	Blend	Bag
19-19-19	24513	19.37	18.10	19.80		99	Blend	Bag
19-19-19	24559	18.16	19.21	21.07		101	Blend	Bag
19-19-19	24626	18.75	18.50	19.31		98	Blend	Bag
19-19-19	24908	17.58	19.29	19.89		99	Blend	Bag
19-19-19	24944	18.92	19.37	19.43		101	Blend	Bag
19-19-19	25012	18.74	19.62	19.82		101	Blend	Bag
19-19-19	25097	18.24	19.31	20.47		101	Blend	Bag
19-19-19	25414	18.47	19.29	19.95		100	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
S.S. WINCHESTER		WINCHESTER		KY				
19-19-19	25443	18.78	20.08	18.52		101	Blend	Bag
19-19-19	25452	18.36	20.52	19.31		102	Blend	Bag
19-19-19	25494	18.54	18.91	20.08		100	Blend	Bag
19-19-19	25504	18.28	19.40	19.41		100	Blend	Bag
Statistical Analysis for Grade : 19-19-19								
Number Samples This Grade : 36								
Average Analysis :		18.69	19.22	20.04		101.2		
CV, %		3.15	3.01	3.66				
25-15-15	23303	23.85	13.79*	15.72		96*	CM	Bag
30-06-16	23294	28.23*	05.64	16.29		95*	CM	Bag
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		97.68	100.10	106.32				
ALL SAMPLES, CV, %		39.36	36.49	66.58				
NUMBER OF ANALYSIS		162	165	165				
Deficiency Rate -		16.96 %						
S.S. CLARK		WINCHESTER		KY				
05-13-39	25370+	04.94	12.74	39.72		97	CM	Bulk
09-18-27	25369	08.77	17.82	28.15		100	CM	Bulk
15-10-21	25376	16.66	10.45	20.97		100	CM	Bulk
16-12-18	25375	17.70	12.66	18.15		100	CM	Bulk
19-07-17	25373	19.68	07.23	17.56		100	CM	Bulk
19-07-17	25374	19.82	07.19	18.88		103	CM	Bulk
20-06-15	25372	22.12	07.04	15.38		101	CM	Bulk
21-00-18	25371	22.69		18.62		102	CM	Bulk
STANLEY CROP SERVICE		STANLEY		KY				
09-23-30	24405	08.91	23.67	29.52		100	CM	Bulk
09-23-30	24606	08.72	23.24	29.51		99	CM	Bulk
09-23-30	24607	08.70	22.78	30.29		99	CM	Bulk
09-23-30	24608	09.00	22.97	30.26		100	CM	Bulk
09-23-30	24609	08.56	23.00	30.58		99	CM	Bulk
Statistical Analysis for Grade : 09-23-30								
Number Samples This Grade : 5								
Average Analysis :		8.77	23.13	30.03		99.9		
CV, %		2.00	1.47	1.62				
19-16-21	24404	19.01	16.01	22.76		99	CM	Bulk
21-15-20	24612	22.73	15.47	20.16		103	CM	Bulk
23-13-18	24610	24.28	14.69	18.65		103	CM	Bulk
23-13-18	24611	24.81	14.62	18.74		104	CM	Bulk
28-06-17	24406	27.29	07.23	18.77		100	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		99.84	101.49	101.89				
ALL SAMPLES, CV, %		4.32	3.52	3.51				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate -		0.00 %						
SUN BULB CO INC		ARCADIA		FL				
20-14-13	24060+	21.12	13.72	13.12		101	Blend	Bag
SUNWRAY LIQUID FERT., INC.		WINGO		KY				
00-00-60	22475			60.61		101	Mat	Bulk
06-16-16	22153	07.71	17.52	18.93		108	CM	Bulk
09-23-30	24789	08.83	22.95	30.43		100	CM	Bulk
09-23-30	24790	08.52	22.49	31.03		99	CM	Bulk
11-18-24	23516+	10.83	17.80	24.54		98	CM	Bulk
11-18-24	23517+	10.68	18.80	25.26		101	CM	Bulk
11-18-24	23518+	11.20	19.22	23.55		100	CM	Bulk
11-18-24	23519+	10.91	19.54	23.72		101	CM	Bulk
12-20-20	24787+	12.43	20.54	20.42		100	CM	Bulk
12-20-20	24788+	12.41	20.09	20.51		99	CM	Bulk
14-18-24	24218	13.92	18.10	24.58		99	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
SUNWRAY LIQUID FERT., INC. WINGO KY								
18-46-00	22474	17.74	46.32			100	Mat	Bulk
34-00-00	22473	34.21				100	Mat	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		98.80	100.64	102.36				
ALL SAMPLES, CV, %		5.96	2.98	4.13				
NUMBER OF ANALYSIS		12	11	11				
Deficiency Rate -	0.00 %							
SUPERGRO OF EWING INC EWING VA								
05-10-10	23865	04.28*	09.09*	09.88		92*	Blend	Bag
05-10-10	23873	04.67	09.86	09.92		97	Blend	Bag
05-10-10	23875	05.18	11.12	09.88		105	Blend	Bag
06-12-12	23864	05.75	12.92	11.39		101	Blend	Bag
06-12-12	23871	05.36*	11.61	12.06		96*	Blend	Bag
06-12-12	23874	06.03	11.86	10.74*		96*	Blend	Bag
10-10-10	23866	09.41	10.21	09.77		98	Blend	Bag
10-10-10	23872	08.92*	09.70	09.56		93*	Blend	Bag
10-10-10	23876	09.08*	10.68	09.66		98	Blend	Bag
10-20-20	23863	11.70	19.28	14.83*		94*	Blend	Bag
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		96.41	100.28	92.83				
ALL SAMPLES, CV, %		9.54	6.19	8.26				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate -	60.00 %							
G M TAYLOR SEED COMPANY GEORGETOWN KY								
08-08-12	25223	09.19	07.48*	14.53		106	CM	Bulk
08-10-15	25391	08.10	10.24	15.23		99	CM	Bulk
16-06-22	25224	16.82	06.83	23.78		103	CM	Bulk
20-00-25	25446+	20.28		25.40		99	CM	Bulk
34-00-00	23625	33.48				98	Mat	Bulk
46-00-00	23624	45.99				99	Mat	Bulk
TERRA NITROGEN CORPORATION TULSA OK								
28-00-00	23152	27.20				97	Mat	Liq
46-00-00	22302	45.88				99	Mat	Bulk
TETRA MICRONUTRIENTS HOUSTON TX								
00-00-00	24744+						Blend	Bag
TIGER SUNBELT ATMORE AL								
00-00-00	23204+						Mat	Bag
TRI-COUNTY FERTILIZER CO. INC RICHMOND KY								
00-00-60	22749			60.64		101	Mat	Bulk
13-00-46	22750	12.86		46.08		99	Mat	Bulk
18-13-20	25058	20.97	13.12	21.28		106	CM	Bulk
18-46-00	22747	17.82	47.26			101	Mat	Bulk
19-19-19	24162	18.62	19.39	18.76		99	CM	Bulk
19-19-19	24163	17.70	17.14*	18.64		93*	CM	Bulk
19-19-19	24164	18.38	19.38	19.86		100	CM	Bulk
19-19-19	24165	19.01	20.05	18.76		101	CM	Bulk
20-09-14	25059	22.54	09.78	14.18		104	CM	Bulk
20-09-14	25060	22.87	09.74	14.83		106	CM	Bulk
26-09-14	25057	27.96	10.44	13.72		103	CM	Bulk
46-00-00	22748	45.99				99	Mat	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		102.05	101.60	100.90				
ALL SAMPLES, CV, %		6.13	5.51	3.04				
NUMBER OF ANALYSIS		11	9	10				
Deficiency Rate -	8.33 %							

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
TRIMBLE CO. FARM SUPPLY								
		MILTON	KY					
00-00-50	24808			49.69		99	Mat	Bulk
00-00-60	24807			59.99		99	Mat	Bulk
04-09-14	25358	05.07	09.90	15.58		106	CM	Bulk
10-26-25	25357	10.22	25.72	26.47		99	CM	Bulk
16-05-11	25359	17.26	07.10	13.62		114	CM	Bulk
18-46-00	24805	17.99	46.11			100	Mat	Bulk
46-00-00	24806	45.90				99	Mat	Bulk
TWO RIVERS AG SUPPLY								
		DRAKESBORO	KY					
08-22-30	25226	08.77	22.40	30.35		98	CM	Bulk
10-26-26	25227	10.13	26.24	25.87		100	CM	Bulk
19-12-16	25228	19.28	13.61	17.75		102	CM	Bulk
TYLER ENTERPRISES, INC								
		ELWOOD	IL					
20-03-05	23561+	20.59	03.43	05.11		104	Blend	Bag
U S BORAX INC								
		VALENCIA	CA					
00-00-00	22692+						Mat	Bag
00-00-00	22765+						Mat	Bag
00-00-00	22840+						Mat	Bag
00-00-00	22874+						Mat	Bag
00-00-00	22971+						Mat	Bag
00-00-00	22982+						Mat	Bag
00-00-00	23208+						Mat	Bag
00-00-00	23266+						Mat	Bag
00-00-00	23292+						Mat	Bag
00-00-00	23308+						Mat	Bag
00-00-00	23400+						Mat	Bag
00-00-00	23627+						Mat	Bag
00-00-00	23911+						Mat	Bag
00-00-00	24672+						Mat	Bag
00-00-00	25011+						Mat	Bag
00-00-00	25098+						Mat	Bag
VALLEY FARM CENTER, INC.								
		MONTICELLO	KY					
00-00-60	22756			60.61		101	Mat	Bulk
16-19-19	23535	18.15	16.80*	18.59		96*	CM	Bulk
17-17-17	23541	17.95	17.43	17.98		99	CM	Bulk
18-46-00	22757	17.82	45.97			99	Mat	Bulk
19-14-14	23537	19.87	13.50*	15.45		99	CM	Bulk
19-19-19	23543	18.75	17.14*	22.54		98	CM	Bulk
19-19-19	23544	20.02	22.01	17.17*		104	CM	Bulk
28-12-12	23536	28.30	12.98	13.36		100	CM	Bulk
28-12-12	23542	28.39	13.19	13.16		101	CM	Bulk
29-11-11	23538	28.96	11.78	13.51		100	CM	Bulk
30-11-11	23539	30.12	13.18	10.98		103	CM	Bulk
31-10-10	23540	31.17	10.70	11.73		101	CM	Bulk
34-00-00	22755	34.50				101	Mat	Bulk
46-00-00	22758	46.10				100	Mat	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		100.33	99.69	102.67				
ALL SAMPLES, CV, %		3.73	9.45	7.87				
NUMBER OF ANALYSIS		13	11	11				
Deficiency Rate -		28.57 %						
VALLEY FERTILIZER SERVICE								
		EDMONTON	KY					
05-10-10	23752	04.66	09.40	09.90		95*	Blend	Bag
05-10-10	23763	04.11*	07.80*	09.29		83*	Blend	Bag
05-10-10	23869	07.13	06.48*	09.36		89*	Blend	Bag
11-11-11	22428	12.70	12.80	11.42		107	CM	Bulk
17-12-18	25291	16.35	10.95*	21.07		99	CM	Bulk
17-17-17	22426	16.47*	16.84	21.06		99	CM	Bulk
19-10-15	25292	18.57	09.74*	17.89		100	CM	Bulk
19-19-19	22427	18.75	18.33	20.64		98	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
VALLEY FERTILIZER SERVICE		EDMONTON	KY					
19-19-19	22993	18.63	19.37	20.47		99	CM	Bulk
20-14-14	22990	20.78	13.98	15.99		100	CM	Bulk
20-14-14	22991	20.50	14.37	16.28		101	CM	Bulk
24-09-12	22992	24.71	09.59	12.07		102	CM	Bulk
24-12-12	22989	24.76	11.63	12.74		98	CM	Bulk
26-14-14	23094	25.86	14.17	15.44		100	CM	Bulk
35-04-08	23909	34.09	06.09	09.47		103	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		98.72	94.38	107.04				
ALL SAMPLES, CV, %		13.26	16.81	6.98				
NUMBER OF ANALYSIS		15	15	15				
Deficiency Rate -		40.00 %						
VOLUNTARY PURCHASING GROUP		BONHAM	TX					
00-00-00	24414+						Mat	Liq
04-10-03	24065	04.14	10.67	03.20		105	Blend	Liq
06-01-01	24416+	06.63	00.74	01.85		111	Blend	Bag
09-13-07	25288+	09.97	13.97	07.66		108	Blend	Bag
09-59-08	24066	09.21	58.09	07.82		98	Blend	Bag
10-05-14	22612+	11.30	06.26	14.73		112	Blend	Bag
11-15-11	25289+	14.32	10.38*	09.56*		91*	Blend	Bag
20-20-20	24067	18.13*	20.99	21.58		100	Blend	Bag
WARNER FERTILIZER CO.		ALBANY	KY					
18-15-15	23003	19.39	15.45	16.13		103	CM	Bulk
18-18-18	23002	17.75	18.95	19.12		102	CM	Bulk
19-19-19	22994	19.43	19.93	19.76		103	CM	Bulk
19-19-19	22995	19.34	20.00	20.10		104	CM	Bulk
19-19-19	22999	19.53	19.15	20.33		103	CM	Bulk
19-19-19	23000	18.63	20.19	20.39		103	CM	Bulk
19-19-19	23001	19.36	19.73	20.13		103	CM	Bulk
Statistical Analysis for Grade : 19-19-19								
Number Samples This Grade :		5						
Average Analysis :		19.25	19.80	20.14		103.6		
CV, %		1.86	2.01	1.22				
27-13-13	22996	26.94	13.63	14.50		102	CM	Bulk
27-13-13	22997	27.48	13.85	12.89		101	CM	Bulk
33-08-08	22998	34.27	09.36	09.20		103	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		100.82	104.40	105.82				
ALL SAMPLES, CV, %		1.72	2.41	3.17				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate -		0.00 %						
WARNER FERTILIZER CO.		COLUMBIA	KY					
06-25-24	22595	06.28	24.70	25.55		100	CM	Bulk
06-26-26	24795	06.30	26.59	26.24		102	CM	Bulk
18-11-16	24797	18.90	10.40	18.19		103	CM	Bulk
19-10-15	24794	19.86	10.33	15.89		101	CM	Bulk
19-19-19	24793	19.38	20.12	19.31		103	CM	Bulk
19-19-19	24796	18.88	18.83	20.35		101	CM	Bulk
19-19-19	24798	18.92	19.44	19.64		101	CM	Bulk
25-14-14	24792	18.84*	20.04	19.25		106	CM	Bag
27-08-17	24800	26.41	08.55	18.67		99	CM	Bulk
27-08-17	24801	27.00	08.56	17.82		99	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		96.32	103.97	106.21				
ALL SAMPLES, CV, %		9.21	13.10	9.78				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate -		10.00 %						

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
WARNER FERTILIZER CO.		E. BERNSTADT		KY				
00-08-46	23777+		09.07	46.46		100	CM	Bulk
00-25-25	23779+		26.61	25.06		102	CM	Bulk
06-26-26	23775	06.22	26.56	26.59		102	CM	Bulk
10-10-10	23780	10.08	10.23	10.19		100	CM	Bulk
19-19-19	23772	19.47	18.47	20.01		101	CM	Bulk
19-19-19	23773	19.38	17.31*	21.11		99	CM	Bulk
19-19-19	23774	20.53	17.45*	20.93		101	CM	Bulk
19-19-19	23776	18.88	19.22	20.84		102	CM	Bulk
19-19-19	23778	19.66	19.09	19.62		102	CM	Bulk
19-19-19	23781	19.24	19.09	19.95		101	CM	Bulk
Statistical Analysis for Grade : 19-19-19								
Number Samples This Grade : 6								
Average Analysis :								
		19.52	18.43	20.41		101.5		
CV, %								
		2.85	4.67	3.05				
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE 102.55 99.26 103.97								
ALL SAMPLES, CV, % 2.70 4.51 4.26								
NUMBER OF ANALYSIS 8 10 10								
Deficiency Rate - 20.00 %								
WARNER FERTILIZER CO		LIBERTY		KY				
09-18-27	24964	08.34	17.09	30.91		105	CM	Bulk
09-18-27	24965	08.99	18.61	28.88		104	CM	Bulk
14-14-14	24970	15.38	15.14	15.92		103	CM	Bulk
16-12-18	24974	16.61	12.44	20.00		103	CM	Bulk
18-13-25	24969	17.29	12.99	26.65		98	CM	Bulk
19-19-19	24051	18.73	19.51	19.21		100	CM	Bulk
19-19-19	24052	18.56	19.05	21.01		101	CM	Bulk
19-19-19	24966	19.16	18.85	19.46		100	CM	Bulk
19-19-19	24967	18.48	18.79	19.80		99	CM	Bulk
19-19-19	24968	18.56	19.41	19.15		100	CM	Bulk
19-19-19	24973	19.58	18.66	18.22		99	CM	Bulk
Statistical Analysis for Grade : 19-19-19								
Number Samples This Grade : 6								
Average Analysis :								
		18.84	19.04	19.47		100.4		
CV, %								
		2.31	1.82	4.71				
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE 98.66 100.07 105.31								
ALL SAMPLES, CV, % 3.20 2.40 4.88								
NUMBER OF ANALYSIS 11 11 11								
Deficiency Rate - 0.00 %								
WARNER FERTILIZER CO.		NANCY		KY				
15-15-15	23948	14.46	16.30	29.95		126	CM	Bulk
17-17-17	23946	17.58	16.75	18.32		102	CM	Bulk
17-17-17	23949	17.56	17.55	18.67		104	CM	Bulk
17-17-17	23950	17.44	18.05	18.04		104	CM	Bulk
19-19-19	23895	18.18	19.71	18.45		99	CM	Bulk
19-19-19	23945	18.58	18.77	19.17		98	CM	Bulk
19-19-19	23947	18.01	18.60	22.02		101	CM	Bulk
20-10-10	23894	19.61	09.97	09.91		98	CM	Bulk
20-10-10	23951	23.25	11.97	11.57		117	CM	Bulk
23-11-11	23952	23.07	11.93	11.94		104	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE 100.93 103.63 115.61								
ALL SAMPLES, CV, % 6.21 6.41 25.89								
NUMBER OF ANALYSIS 10 10 10								
Deficiency Rate - 0.00 %								
WARNER FERTILIZER CO.		RUSSELL SPRGS		KY				
02-07-18	24723	02.92	08.08	18.68		103	CM	Bulk
06-05-06	25484	08.05	04.80	05.13*		97	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P205	K20	XS CL	RV	TYPE	FORM
WARNER FERTILIZER CO.								
		RUSSELL SPRGS KY						
19-19-19	24722	18.31	18.27	20.05		98	CM	Bulk
21-09-18	24719	21.95	09.17	18.81		101	CM	Bulk
21-09-18	24720	21.15	09.14	18.25		98	CM	Bulk
31-07-13	24724	30.38	06.67	14.57		98	CM	Bulk
31-07-13	24725	30.22	06.53	14.90		98	CM	Bulk
WARNER FERTILIZER CO.								
		SOMERSET KY						
00-00-50	22705			50.78		101	Mat	Bulk
00-00-60	22376			60.99		101	Mat	Bulk
00-00-60	22444			61.13		101	Mat	Bulk
00-00-60	22446			60.86		101	Mat	Bulk
00-00-60	22486			60.85		101	Mat	Bulk
00-00-60	22593			61.10		101	Mat	Bulk
00-00-60	22602			61.37		102	Mat	Bulk
00-00-60	22634			60.87		101	Mat	Bulk
00-00-60	22658			60.63		101	Mat	Bulk
00-00-60	22699			60.58		100	Mat	Bulk
00-00-60	22708			60.85		101	Mat	Bulk
00-00-60	22751			60.94		101	Mat	Bulk
00-00-60	23472			60.99		101	Mat	Bulk
Statistical Analysis for Grade : 00-00-60								
Number Samples This Grade : 12								
Average Analysis :		.00	.00	60.93		101.5		
CV, %		.00	.00	.35				
00-20-20	22645		17.57*	21.51		95*	Blend	Bag
00-46-00	22380		46.94			102	Mat	Bulk
00-46-00	22661		46.63			101	Mat	Bulk
00-46-00	22711		46.49			101	Mat	Bulk
04-16-04	22449	04.02	16.64	05.13		107	Blend	Bag
04-16-04	22553	03.87	19.26	04.60		116	Blend	Bag
04-16-04	22629	04.06	16.46	04.59		103	Blend	Bag
04-16-04	22701	04.24	15.84	04.71		102	Blend	Bag
04-16-04	22897	03.99	16.23	04.64		102	Blend	Bag
Statistical Analysis for Grade : 04-16-04								
Number Samples This Grade : 5								
Average Analysis :		4.03	16.88	4.73		106.4		
CV, %		3.32	8.05	4.78				
05-10-15	22372	04.41*	09.24	15.86		99	Blend	Bag
05-10-15	22548	04.13*	08.75*	18.84		108	Blend	Bag
05-10-15	22643	04.51*	09.30	16.08		100	Blend	Bag
05-10-15	22663	04.80	07.51*	16.82		98	Blend	Bag
05-10-15	22716	04.69	09.66	15.83		101	Blend	Bag
05-10-15	24486	05.03	08.48*	15.69		98	Blend	Bag
05-10-15	24703	04.49*	09.25	14.19		93*	Blend	Bag
05-10-15	24899	04.75	08.36*	16.02		98	Blend	Bag
Statistical Analysis for Grade : 05-10-15								
Number Samples This Grade : 8								
Average Analysis :		4.60	8.81	16.16		99.8		
CV, %		5.99	7.84	8.08				
05-20-20	22551	04.26*	17.55*	20.84		92*	Blend	Bag
05-20-20	22646	04.40*	13.15*	21.45		82*	Blend	Bag
05-20-20	22664	05.23	18.36*	19.45		95*	Blend	Bag
05-20-20	23474	04.79	20.00	19.14		98	Blend	Bag
05-20-20	23795	03.91*	17.67*	21.45		93*	Blend	Bag
05-20-20	24898	04.48*	17.02*	20.76		91*	Blend	Bag
Statistical Analysis for Grade : 05-20-20								
Number Samples This Grade : 6								
Average Analysis :		4.51	17.29	20.51		92.2		
CV, %		10.07	13.16	4.84				
06-12-12	22374	06.23	11.60	11.50		97	Blend	Bag
06-12-12	22644	05.58	11.17	11.74		94*	Blend	Bag
06-12-12	22720	05.44*	10.85*	12.17		93*	Blend	Bag
06-12-12	23751	05.92	11.55	12.07		98	Blend	Bag
06-12-12	23792	04.74*	09.49*	13.99		90*	Blend	Bag
06-12-12	23858	04.76*	09.52*	17.18		98	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
WARNER FERTILIZER CO.								
06-12-12		SOMERSET		KY				
	23990	05.55	10.46*	13.36		95*	Blend	Bag
Statistical Analysis for Grade : 06-12-12								
Number Samples This Grade : 7								
Average Analysis :		5.46	10.66	13.14		95.3		
CV, %		10.13	8.28	15.16				
10-10-10	22373	09.72	11.35	09.39		103	Blend	Bag
10-10-10	22450	09.90	09.65	10.31		98	Blend	Bag
10-10-10	22552	09.27	09.94	10.20		97	Blend	Bag
10-10-10	22641	09.38	09.80	10.68		98	Blend	Bag
10-10-10	22666	08.90*	09.36	10.77		95*	Blend	Bag
10-10-10	22714	08.91*	08.18*	11.26		91*	Blend	Bag
10-10-10	22896	10.31	09.94	09.96		100	Blend	Bag
10-10-10	23750	09.52	09.71	10.25		97	Blend	Bag
10-10-10	23791	08.63*	08.96*	10.25		91*	Blend	Bag
10-10-10	23793	09.99	10.60	09.96		102	Blend	Bag
10-10-10	23855	09.75	10.11	09.28		97	Blend	Bag
10-10-10	23904	09.06*	09.40	10.86		96*	Blend	Bag
10-10-10	23992	09.90	09.88	10.85		101	Blend	Bag
10-10-10	23998	10.03	09.67	10.21		99	Blend	Bag
10-10-10	24484	08.92*	09.03*	09.37		90*	Blend	Bag
10-10-10	24603	07.53*	07.45*	10.44		82*	Blend	Bag
10-10-10	25520	07.85*	07.72*	10.25		83*	Blend	Bag
Statistical Analysis for Grade : 10-10-10								
Number Samples This Grade : 17								
Average Analysis :		9.26	9.45	10.25		95.8		
CV, %		8.25	10.35	5.38				
10-20-20	22713	08.60*	17.00*	23.33		94*	Blend	Bag
10-20-20	23857	10.19	21.00	18.64*		100	Blend	Bag
12-12-12	24963	15.41	16.45	15.64		122	CM	Bulk
12-24-24	22375	11.64	23.65	24.76		99	Blend	Bag
12-24-24	22718	11.36	22.98	24.36		97	Blend	Bag
12-24-24	23991	10.83*	23.15	26.28		98	Blend	Bag
15-15-15	22371	15.24	14.74	15.64		100	Blend	Bag
15-15-15	22549	14.73	15.83	13.82*		99	Blend	Bag
15-15-15	22662	13.89	14.17	17.37		102	Blend	Bag
15-15-15	22715	14.61	14.45	15.76		98	Blend	Bag
15-15-15	22719	14.27	13.96	17.21		102	Blend	Bag
15-15-15	22890	15.97	15.98	08.19*		93*	Blend	Bag
15-15-15	23761	12.84*	10.60*	21.25		93*	Blend	Bag
15-15-15	23884	12.30*	11.22*	18.67		89*	Blend	Bag
15-15-15	24485	14.49	14.80	15.07		98	Blend	Bag
Statistical Analysis for Grade : 15-15-15								
Number Samples This Grade : 9								
Average Analysis :		14.26	13.97	15.88		97.6		
CV, %		7.94	13.38	22.77				
17-17-17	24961	16.35*	15.69*	22.85		104	CM	Bulk
17-17-17	24962	17.22	17.43	20.65		103	CM	Bulk
18-18-18	22712	18.69	19.65	17.39		101	CM	Bulk
18-46-00	22379	17.54	46.04			99	Mat	Bulk
18-46-00	22441	17.81	46.13			99	Mat	Bulk
18-46-00	22453	18.01	46.25			100	Mat	Bulk
18-46-00	22487	17.66	46.08			99	Mat	Bulk
18-46-00	22592	17.74	45.70			99	Mat	Bulk
18-46-00	22603	17.70	45.96			99	Mat	Bulk
18-46-00	22636	17.92	46.40			100	Mat	Bulk
18-46-00	22657	17.66	45.66			98	Mat	Bulk
18-46-00	22698	17.94	46.12			100	Mat	Bulk
18-46-00	22706	17.64	46.15			99	Mat	Bulk
18-46-00	22752	17.38	45.99			99	Mat	Bulk
18-46-00	23471	17.37	45.33			98	Mat	Bulk
Statistical Analysis for Grade : 18-46-00								
Number Samples This Grade : 12								
Average Analysis :		17.69	45.98	.00		99.5		
CV, %		1.15	.63	.00				
19-19-19	22370	17.85	19.01	20.81		100	Blend	Bag
19-19-19	22384	18.93	19.11	18.96		100	Blend	Bag

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
WARNER FERTILIZER CO.								
		SOMERSET			KY			
19-19-19	22451	18.23	18.10	20.76		100	Blend	Bag
19-19-19	22550	20.14	19.81	18.27		102	Blend	Bag
19-19-19	22642	18.39	18.53	20.33		99	Blend	Bag
19-19-19	22665	18.54	18.47	20.61		100	Blend	Bag
19-19-19	22702	19.45	20.50	18.32		103	Blend	Bag
19-19-19	22717	18.86	19.18	20.43		101	Blend	Bag
19-19-19	22894	18.49	18.93	19.91		100	Blend	Bag
19-19-19	23475	17.32*	18.76	21.53		99	Blend	Bag
19-19-19	23749	19.10	17.95	19.76		98	Blend	Bag
19-19-19	23762	18.21	17.72*	17.38*		93*	Blend	Bag
19-19-19	23790	18.30	19.07	20.14		100	Blend	Bag
19-19-19	23794	18.54	18.46	20.52		99	Blend	Bag
19-19-19	23856	17.71	17.10*	21.30		96*	Blend	Bag
19-19-19	23883	18.06	18.23	20.15		98	Blend	Bag
19-19-19	23905	19.33	18.93	19.40		100	Blend	Bag
19-19-19	24249	17.50	15.42*	24.08		96*	Blend	Bag
19-19-19	24483	17.14*	16.67*	21.88		95*	Blend	Bag
19-19-19	24602	18.28	17.97	21.33		99	Blend	Bag
19-19-19	24721	18.40	17.80	19.89		97	Blend	Bag
19-19-19	24897	18.02	17.78	22.08		99	Blend	Bag
Statistical Analysis for Grade : 19-19-19								
Number Samples This Grade : 22								
Average Analysis :		18.39	18.34	20.35		99.2		
CV, %		3.88	5.85	7.10				
34-00-00	22378	34.48				101	Mat	Bulk
34-00-00	22443	34.12				100	Mat	Bulk
34-00-00	22447	33.96				99	Mat	Bulk
34-00-00	22488	33.73				99	Mat	Bulk
34-00-00	22591	34.07				100	Mat	Bulk
34-00-00	22605	34.27				100	Mat	Bulk
34-00-00	22637	34.33				100	Mat	Bulk
34-00-00	22660	34.17				100	Mat	Bulk
34-00-00	22700	33.96				99	Mat	Bulk
34-00-00	22710	33.87				99	Mat	Bulk
34-00-00	22753	33.83				99	Mat	Bulk
34-00-00	22893	34.50				101	Mat	Bag
34-00-00	24604	33.80				99	Mat	Bag
Statistical Analysis for Grade : 34-00-00								
Number Samples This Grade : 13								
Average Analysis :		34.08	.00	.00		100.2		
CV, %		.74	.00	.00				
46-00-00	22377	46.20				100	Mat	Bulk
46-00-00	22442	45.87				99	Mat	Bulk
46-00-00	22452	46.01				100	Mat	Bulk
46-00-00	22485	45.76				99	Mat	Bulk
46-00-00	22594	46.06				100	Mat	Bulk
46-00-00	22604	45.95				99	Mat	Bulk
46-00-00	22635	46.16				100	Mat	Bulk
46-00-00	22656	46.10				100	Mat	Bulk
46-00-00	22697	45.90				99	Mat	Bulk
46-00-00	22707	46.14				100	Mat	Bulk
46-00-00	22754	45.92				99	Mat	Bulk
46-00-00	23473	45.96				99	Mat	Bulk
Statistical Analysis for Grade : 46-00-00								
Number Samples This Grade : 12								
Average Analysis :		46.00	.00	.00		100.0		
CV, %		.28	.00	.00				
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		97.82	96.63	104.62				
ALL SAMPLES, CV, %		38.32	9.87	19.78				
NUMBER OF ANALYSIS		120	99	97				
Deficiency Rate - 27.73 %								
WARNER FERTILIZER CO.								
		STANFORD			KY			
12-09-13	25132	11.95	07.02*	16.39		100	CM	Bulk

TABLE 1. (Continued)

GRADE	NUM	N	P2O5	K2O	XS CL	RV	TYPE	FORM
WARNER FERTILIZER CO.		STANFORD		KY				
12-09-14	25265	12.03	09.20	15.81		103	CM	Bulk
12-09-14	25266	12.29	08.95	15.31		99	CM	Bulk
14-13-20	25135	13.88	12.45*	24.45	*	105	CM	Bulk
15-08-12	25270	13.94	06.60*	14.99		99	CM	Bulk
15-13-19	25267	14.94	13.40	21.28		102	CM	Bulk
16-07-15	25269	16.19	07.67	17.16		102	CM	Bulk
17-12-28	25131	16.14	12.53	29.12		100	CM	Bulk
17-17-17	25133	17.49	15.76*	20.35		100	CM	Bulk
18-11-16	25268	18.09	10.39	18.53		102	CM	Bulk
21-15-20	25134	20.71	17.12	19.63		102	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		95.58	94.26	109.97				
ALL SAMPLES, CV, %		1.71	11.30	5.66				
NUMBER OF ANALYSIS		11	11	11				
Deficiency Rate -		36.36 %						
WARNER FERTILIZER CO.		TOMPKINSVILLE		KY				
19-19-19	22495	19.83	20.30	18.65		101	CM	Bulk
19-19-19	22888	20.03	18.89	20.35		101	CM	Bulk
19-19-19	22891	20.02	20.86	18.22		102	CM	Bulk
19-19-19	22892	19.72	19.64	19.78		101	CM	Bulk
19-19-19	22898	19.99	21.31	18.09		103	CM	Bulk
19-19-19	22899	20.14	19.82	19.69		102	CM	Bulk
Statistical Analysis for Grade : 19-19-19								
Number Samples This Grade :		6						
Average Analysis :		19.95	20.13	19.13		102.2		
CV, %		.76	4.34	4.88				
26-13-13	22889	27.44	13.03	14.10		100	CM	Bulk
27-13-12	22494	26.82	13.11	14.25		100	CM	Bulk
27-13-12	22900	28.91	13.39	13.18		102	CM	Bulk
27-13-13	22895	27.98	14.20	13.48		102	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		102.15	102.32	101.02				
ALL SAMPLES, CV, %		1.81	4.25	5.19				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate -		0.00 %						
WARNER FERTILIZER CO.		MONTICELLO		KY				
17-17-17	23550	18.10	17.31	18.25		100	CM	Bulk
19-19-19	22630	19.47	20.52	19.19		102	CM	Bulk
19-19-19	22640	18.97	19.80	20.23		101	CM	Bulk
19-19-19	23545	18.99	21.30	18.57		102	CM	Bulk
19-19-19	23548	18.58	20.60	19.67		101	CM	Bulk
19-19-19	23549	19.99	19.45	18.79		100	CM	Bulk
19-19-19	23551	18.99	19.40	20.08		100	CM	Bulk
Statistical Analysis for Grade : 19-19-19								
Number Samples This Grade :		6						
Average Analysis :		19.16	20.17	19.42		101.4		
CV, %		2.57	3.72	3.51				
19-23-15	23547	19.55	24.55	15.66		101	CM	Bulk
22-22-12	23546	22.84	22.93	12.52		100	CM	Bulk
25-25-07	22639	25.49	24.91	07.45		100	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		99.82	102.83	100.51				
ALL SAMPLES, CV, %		2.26	3.76	2.79				
NUMBER OF ANALYSIS		10	10	10				
Deficiency Rate -		0.00 %						
WATCH-US-GROW OF KENTUCKY		LOUISVILLE		KY				
08-08-08	22585+	07.98	07.89	08.14		99	Blend	Liq

TABLE 1. (Continued)

GRADE	NUM	N	P205	K20	XS CL	RV	TYPE	FORM
DORMAN WILSON & SON, INC.		NANCY		KY				
13-07-13	23055	11.41*	06.26	14.50		93*	CM	Bulk
15-15-15	23057	13.68*	13.59*	15.01		93*	CM	Bulk
15-15-15	23060	14.31	13.40*	16.20		95*	CM	Bulk
17-17-17	23054	17.23	16.28	17.02		98	CM	Bulk
19-19-19	23059	18.19	18.01	20.29		98	CM	Bulk
21-15-20	23061	21.35	14.75	21.05		100	CM	Bulk
26-00-13	23058	26.70		13.50		101	CM	Bulk
27-13-13	23063	29.05	13.51	11.88*		100	CM	Bulk
31-09-12	23056	30.92	08.91	12.90		100	CM	Bulk
31-10-10	23062	30.16	10.22	12.33		98	CM	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		98.31	94.15	103.87				
ALL SAMPLES, CV, %		6.00	3.64	7.04				
NUMBER OF ANALYSIS		10	9	10				
Deficiency Rate -		40.00 %						
WOODFORD FEED CO.		VERSAILLES		KY				
00-00-36	25241+			35.07		97	CM	Bulk
00-00-60	23228			60.86		101	Mat	Bulk
11-00-10	23225	10.99		10.81		100	CM	Bulk
15-07-23	25240	15.23	07.20	24.60		101	CM	Bulk
15-08-28	25238	16.62	07.86	28.47		100	CM	Bulk
18-46-00	23226	17.47	46.05			99	Mat	Bulk
20-04-25	25242	19.74	04.83	26.81		102	CM	Bulk
23-00-25	25239	21.97		26.73		102	CM	Bulk
34-00-00	23229	34.06				100	Mat	Bulk
46-00-00	23227	45.87				99	Mat	Bulk
STATISTICAL ANALYSIS FOR ALL SAMPLES								
ALL SAMPLES, % OF GUARANTEE		99.39	99.44	101.82				
ALL SAMPLES, CV, %		3.05	4.91	2.88				
NUMBER OF ANALYSIS		8	4	7				
Deficiency Rate -		0.00 %						

TABLE 2. RESULTS OF THE ANALYSES OF CERTAIN OFFICIAL FERTILIZER SAMPLES FOR SECONDARY AND MINOR ELEMENTS, WATER INSOLUBLE NITROGEN (WIN), COATED SLOW RELEASE NITROGEN (CSRN), AND OCCLUDED SLOW RELEASE NITROGEN (OSRN). Deficiencies are indicated with an asterisk (*).

COMPANY	SAMPLE	GRADE	ELEMENT	GUARANTEED, %	FOUND, %
AG/GRO FERTILIZER CO.	WINCHESTER	KY			
	24697	00-20-20	B	00.40	00.51
	22671	10-00-00	WIN	08.00	10.33
	24412	10-00-00	WIN	06.00	09.82
	24509	10-00-00	WIN	08.00	09.89
AGRI-CHEM INC	TRENTON	KY			
	24138	10-26-18	Mg	01.70	01.99
			SO4-S	03.41	04.93
AGRIUM US INC	REESE	MI			
	22951	00-00-00	Mg	25.00	22.01 *
			Zn	10.00	11.41
	23854	00-00-00	Zn	40.00	40.34
	25519	00-00-00	SO4-S	07.00	08.86
			Zn	36.00	32.28 *
ALLENSVILLE CROP SERVICE	ALLENSVILLE	KY			
	24762	06-13-19	Mg	00.20	00.64
			B	00.04	00.06
			Cu	00.04	00.07
			Zn	00.60	00.86
	24370	10-25-22	Mg	00.37	00.63
			SO4-S	00.66	02.19
			B	00.05	00.06
			Cu	00.05	00.05
			Zn	00.88	01.12
	24733	10-25-22	Zn	00.89	01.16
	24732	11-27-18	Zn	01.10	01.26
	25105	14-08-13	Mg	00.30	00.70
			B	00.04	00.04
			Cu	00.04	00.04
			Zn	00.70	00.66
HONEYWELL INC	CHESTER	VA			
	22303	21-00-00	SO4-S	24.00	24.27
ALLJACK	ST LOUIS	MO			
	23848	12-55-06	Fe	00.10	00.11
	21756	15-30-15	B	00.02	00.02
			Cu	00.07	00.07
			Fe	00.15	00.16
			Mn	00.05	00.04
			Mo	00.00	00.00
			Zn	00.06	00.05
	23261	15-30-15	B	00.02	00.02
			Cu	00.07	00.07
			Fe	00.15	00.16
			Mn	00.05	00.05
			Zn	00.06	00.06
	24992	15-30-15	B	00.02	00.02
			Cu	00.07	00.07
			Fe	00.15	00.17
			Mn	00.05	00.06
			Mo	00.00	00.00
			Zn	00.06	00.14
	23260	18-18-21	Mg	00.50	00.43
			Cu	00.05	00.05
			Fe	00.10	00.11
			Mn	00.05	00.04
			Zn	00.05	00.04
	21755	18-24-16	Cu	00.05	00.05
			Fe	00.10	00.09
			Mn	00.05	00.04
			Zn	00.05	00.04

23262 18-24-16 Cu

00.05

00.05

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUARANTEED, %	FOUND, %		
ALLJACK	ST LOUIS	MO	Fe	00.10	00.13		
			Mn	00.05	00.04		
			Zn	00.05	00.05		
	23263	30-10-10	B	00.02	00.02		
			Cu	00.07	00.08		
			Fe	00.30	00.34		
			Mn	00.05	00.04		
			Zn	00.07	00.07		
AMERICAN PLANT FOOD	CREVE COEUR	MO	21751	15-30-15	B	00.02	00.02
					Cu	00.07	00.08
					Fe	00.15	00.15
					Mn	00.05	00.04
					Zn	00.06	00.05
			21954	15-30-15	B	00.02	00.00 *
					Cu	00.07	00.06
					Fe	00.15	00.15
					Mn	00.05	00.04
					Mo	00.00	00.00
			22407	15-30-15	Zn	00.06	00.05
					B	00.02	00.01
					Cu	00.07	00.07
					Fe	00.15	00.16
					Mn	00.05	00.05
			22677	15-30-15	Mo	00.00	00.00
					Zn	00.06	00.04 *
					B	00.02	00.01
					Cu	00.07	00.08
					Fe	00.15	00.19
			24253	15-30-15	Mn	00.05	00.04
					Zn	00.06	00.05
					B	00.02	00.01
					Cu	00.07	00.07
					Fe	00.15	00.15
			25522	15-30-15	Mn	00.05	00.03 *
					Zn	00.06	00.06
B	00.02	00.02					
Cu	00.07	00.08					
Fe	00.15	00.15					
			Mn	00.05	00.04		
			Mo	00.00	00.00 *		
			Zn	00.06	00.05		
ANDERSON CO FARM SERVICE	LAWRENCEBURG	KY	25320	16-04-25	B	00.67	00.66
THE ANDERSONS	MAUMEE	OH	25386	05-12-08	CSRN	00.75	02.77
			25387	12-00-00	WIN	12.00	10.38 *
BALLARD COUNTY COOP	LACENTER	KY	24434	10-16-21	SO4-S	04.66	05.98
					B	00.24	00.23
					Zn	01.35	01.34
			24435	10-16-21	SO4-S	04.66	05.88
					B	00.24	00.26
					Zn	01.35	01.27
BARREN METCALFE INC	KNOBLICK	KY	22815	10-25-24	B	00.36	00.38
BEATTY FERTILIZER	CLEVELAND	TN	24418	20-10-06	Mg	00.90	01.09
					SO4-S	01.50	01.72
					Fe	00.30	00.29

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUARANTEED, %	FOUND, %
BLUEGRASS SEED & FERT	BARDSTOWN	KY			
	23196	08-00-46	B	00.57	00.56
C & F SUPPLY INC	HISEVILLE	KY			
	22435	00-00-22	Mg	11.00	10.35
			SO4-S	22.00	20.95 *
CECILIA FARM SERVICE	CECILIA	KY			
	23444	07-20-30	B	00.68	00.43 *
	23447	09-24-24	B	00.63	00.59
CELEX CORPORATION	PLYMOUTH	MI			
	24422	27-02-02	Fe	00.25	00.28
CHEVRON CHEM CO-AG. PROD. DIV.	RICHMOND	CA			
	24999	23-19-17	B	00.02	00.01
			Cu	00.05	00.04
			Fe	00.10	00.09
			Mn	00.05	00.03 *
			Zn	00.05	00.04
CLEMENTS AGRI SUPPLY	SPRINGFIELD	KY			
	25068	26-05-16	Mg	00.96	01.28
CROP PRODUCTION SVC	CADIZ	KY			
	23900	26-11-11	Zn	01.46	01.20 *
	23901	26-11-11	Zn	01.46	01.50
	23902	26-11-11	Zn	01.46	01.23 *
	23903	26-11-11	Zn	01.46	01.35
CROP PRODUCTION SVC	CLARKSON	KY			
	25479	15-10-15	Mg	01.10	02.98
			Zn	00.44	00.50
CROP PRODUCTION SVC	HORSECAVE	KY			
	22816	00-15-37	B	00.46	00.46
	22803	10-17-26	Mg	01.82	01.94
			B	00.34	00.42
	22804	10-17-26	Mg	01.82	02.74
			B	00.34	00.39
	24756	14-14-21	Mg	01.61	02.39
	25084	16-10-16	Mg	00.80	02.34
CROP PRODUCTION SVC	PEMBROKE	KY			
	23218	09-24-16	B	00.54	00.54
CROP PRODUCTION SVC	RUSSELLVILLE	KY			
	23933	07-19-21	Mg	02.55	02.81
			SO4-S	00.90	02.27
			B	00.14	00.23
			Zn	00.70	01.37
	23939	09-23-21	Mg	02.00	02.03
			SO4-S	00.70	01.85
			B	00.11	00.16
			Zn	00.57	00.91
	23940	09-23-21	Mg	02.00	02.28
			SO4-S	00.70	02.02
			B	00.11	00.17
			Zn	00.57	01.11
	23153	17-18-18	SO4-S	03.84	07.17
	23935	28-15-00	SO4-S	08.00	08.71

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUARANTEED, %	FOUND, %
DIAMOND ASSOC	HOPKINSVILLE	KY			
	22166	04-03-03	WIN	02.80	01.43 *
DOMESTIC FERTILIZER INC.	PARIS	KY			
	23253	10-13-13	CSRN	07.30	09.87
			CSRK	09.40	14.68
			CSRK	08.90	09.24
DRAGON CORPORATION	ROANOKE	VA			
	24058	03-12-04	Fe	00.10	00.22
	25384	08-08-08	B	00.04	00.01 *
			Cu	00.10	00.08 *
			Fe	00.20	00.56
			Mn	00.10	00.09
			Zn	00.10	00.06 *
	24413	10-10-10	B	00.04	00.02 *
			Cu	00.10	00.10
			Fe	00.20	00.58
			Mn	00.10	00.09
			Zn	00.10	00.07 *
	25383	10-10-10	B	00.04	00.01 *
			Cu	00.10	00.07 *
			Fe	00.20	00.59
			Mn	00.10	00.08
			Zn	00.10	00.05 *
EASY GARDNER	WACO	TX			
	21745	08-24-08	WIN	01.30	05.21
			CSRN	05.70	09.38
			CSRK	17.70	17.67
			CSRK	06.00	07.61
	22679	08-24-08	WIN	01.30	05.33
			CSRN	05.70	09.87
			CSRK	17.70	20.79
			CSRK	06.00	06.93
	22678	16-04-04	CSRN	07.40	10.13
			CSRK	02.70	03.35
			CSRK	02.60	03.68
ELKTON CROP SERVICE	GUTHRIE	KY			
	25104	10-27-23	Zn	00.56	00.63
	24371	11-09-12	Mg	00.31	00.48
			SO4-S	00.56	06.06
			B	00.06	00.04 *
			Cu	00.06	00.03 *
			Zn	00.93	00.77 *
ESCO	DALLAS	TX			
	24549	12-00-00	WIN	12.00	13.92
	24548	16-16-16	SO4-S	06.00	07.77
			Fe	01.00	03.07
THE ESPOMA COMPANY	MILLVILLE	NJ			
	24057	04-06-06	WIN	01.20	01.45
			Ca	03.00	07.20
			Mg	00.50	01.08
			SO4-S	05.00	07.61
			B	00.02	00.03
			Cl	00.10	00.35
			Cu	00.05	00.08
			Fe	01.00	01.64
			Mn	00.05	00.08
			Zn	00.05	00.11

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUARANTEED, %	FOUND, %
FAIRPLAY FERTILIZER	FAIRPLAY	KY			
	25300	08-08-08	B	00.11	00.13
FARMERS FERTILIZER CO.	BOWLING GREEN	KY			
	23384	12-09-11	B	00.17	00.20
FRANKLIN CROP SERVICE	FRANKLIN	KY			
	23744	08-20-27	Mg	00.45	00.78
			SO4-S	00.82	01.68
			B	00.09	00.14
			Cu	00.09	00.13
			Zn	01.36	01.38
	22094	11-29-07	Mg	03.54	04.21
			SO4-S	07.09	09.03
			Zn	01.14	00.36 *
FREE FLOW FERTILIZER CO.	MAUMEE	OH			
	25385	15-30-15	B	00.02	00.02
			Cu	00.07	00.05 *
			Fe	00.15	00.18
			Mn	00.05	00.02 *
			Mo	00.00	00.00
			Zn	00.06	00.05
FRIT INDUSTRIES	OZARK	AL			
	22693	00-00-00	Zn	36.00	37.28
	22841	00-00-00	S	90.00	94.16
	22857	00-00-00	S	90.00	91.51
	22972	00-00-00	Zn	36.00	29.80 *
	23912	00-00-00	Zn	36.00	39.97
	24402	00-00-00	Zn	36.00	30.40 *
	24403	00-00-00	Mg	36.00	34.10 *
	24614	00-00-00	Zn	36.00	38.82
	24673	00-00-00	Zn	36.00	39.28
	25099	00-00-00	Zn	36.00	39.02
	25299	00-00-00	Zn	36.00	39.71
	25521	00-00-00	Mg	36.00	46.13
GAMALIEL BULK FERTILIZER INC	GAMALIEL	KY			
	23028	05-21-31	B	00.26	00.30
	23029	05-21-31	B	00.26	00.23
GRANT CO FARM SUPPLY	DRY RIDGE	KY			
	24447	00-00-55	B	01.14	01.28
	25147	18-09-26	B	00.50	00.55
GREEN CHARGER FERT. CORP.	RICHMOND	VA			
	22530	15-15-15	Mg	01.00	00.95
			SO4-S	04.00	06.64
			B	00.02	00.03
			Cu	00.05	00.05
			Fe	00.10	00.65
			Mn	00.05	00.08
			Zn	00.05	00.11
GREENLEAF PLANT FOOD INC	DANVILLE	KY			
	24707	05-14-37	B	00.56	00.64
	24706	17-00-33	B	00.72	00.78
	25053	22-13-07	Mg	01.14	02.76
			SO4-S	02.28	04.80
			B	00.08	00.07
			Zn	00.57	00.40 *

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUARANTEED, %	FOUND, %
GREENLIFE PRODUCTS	WEST POINT	VA			
	21744	12-55-06	Fe	00.10	00.12
GREEN LIGHT CO	SAN ANTONIO	TX			
	22405	12-55-06	Fe	00.10	00.10
	23847	12-55-06	Fe	00.10	00.12
GRIFFIN INDUSTRIES INC	COLD SPRING	KY			
	24310	07-01-14	WIN	06.00	07.55
	24308	08-03-05	WIN	06.80	08.11
			Ca	03.00	04.17
			Mg	02.20	02.53
			SO4-S	04.00	05.24
			Fe	00.10	00.07 *
	24311	08-03-05	WIN	06.80	07.74
			Ca	03.00	03.03
			Mg	01.80	03.10
			SO4-S	04.00	06.31
			Fe	00.10	00.06 *
	24309	10-02-08	WIN	08.50	09.96
			Ca	01.80	02.64
			Mg	00.50	00.18 *
			SO4-S	03.00	03.03
	24313	10-02-08	WIN	08.50	09.31
			Ca	01.80	03.16
			Mg	00.50	00.21 *
			SO4-S	03.00	03.09
	24312	12-02-06	WIN	05.50	06.54
GRO TEC INC	MADISON	GA			
	21747	06-10-10	B	00.02	00.03
			Cu	00.05	00.07
			Fe	01.00	01.80
			Mn	00.10	00.14
			Zn	00.10	00.26
	22681	06-12-00	WIN	06.00	05.76
	22409	08-12-04	B	00.02	00.03
			Cu	00.05	00.07
			Fe	01.00	01.90
			Mn	00.10	00.40
			Mo	00.00	00.00
			Zn	00.10	00.24
	22408	09-12-12	B	00.02	00.01
			Cu	00.05	00.05
			Fe	01.00	01.29
			Mn	00.10	00.07 *
			Mo	00.00	00.00
			Zn	00.10	00.08
	24644	10-06-08	B	00.02	00.03
			Cu	00.05	00.05
			Fe	01.00	01.21
			Mn	00.10	00.14
			Mo	00.00	00.00
			Zn	00.10	00.12
	22680	12-00-00	WIN	11.00	10.48
HELENA CHEMICAL COMPANY	SPRINGFIELD	KY			
	21900	20-20-20	B	00.02	00.02
			Cu	00.05	00.05
			Fe	00.10	00.11
			Mn	00.05	00.05
			Mo	00.00	00.00
			Zn	00.05	00.04
	21762	26-00-00	B	00.50	00.51
HOFFMAN A H INC	LANCASTER	PA			
	23252	04-12-00	WIN	03.44	03.09

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUARANTEED, %	FOUND, %
HOFFMAN A H INC	LANCASTER 24997	PA 08-10-08	WIN	01.60	01.55
			Ca	08.00	08.81
			Mg	04.00	05.58
			SO4-S	03.00	03.99
			Fe	01.00	01.29
			Mn	00.20	00.20
HOWARD JOHNSONS ENT INC	MILWAUKEE 22687	WI 33-03-10	Fe	01.00	01.28
			CSRN	06.60	02.73 *
HYDRO AGRI N AMERICA	TAMPA 24599 25517 25530	FL 15-00-00 15-00-00 15-00-00	Ca	19.00	18.55
			Ca	19.00	18.73
			Ca	19.00	18.79
IRONITE PRODUCTS COMPANY	SCOTTSDALE 24062 24059	AZ 01-00-00 07-06-06	Ca	02.50	03.60
			Mg	01.00	01.83
			SO4-S	05.00	05.13
			Fe	04.50	04.53
			Mn	00.05	00.07
			Zn	00.45	01.08
			Mg	00.50	00.56
			SO4-S	01.00	01.18
			B	00.02	00.02
			Fe	00.10	00.17
			Mn	00.03	00.03
			Mo	00.00	00.00
			Zn	00.02	00.03
KEES FARM SERVICE, INC.	GRAYSON 25406 25407	KY 08-22-24 08-22-24	B	00.08	00.08
			Zn	00.22	00.26
			B	00.08	00.07
			Zn	00.22	00.21
KNOX FERTILIZER CO., INC.	KNOX 21932 23666 23665 23562	IN 15-30-15 15-30-15 18-24-16 19-03-05	Cu	00.05	00.04
			Fe	00.10	00.17
			Mn	00.05	00.05
			Zn	00.05	00.05
			Cu	00.05	00.04
			Fe	00.10	00.13
			Mn	00.05	00.04
			Zn	00.05	00.07
			Cu	00.05	00.06
			Fe	00.10	00.11
			Mn	00.05	00.05
			Zn	00.05	00.07
			CSRN	09.50	08.60
LANGE STEGMAN CO	ST LOUIS 25051 22466	MO 20-10-10 30-03-10	SO4-S	10.30	11.29
			Fe	02.00	02.71
LEBANON CHEM - GREENVIEW DIV.	LEBANON 23899	PA 30-04-04	WIN	05.20	05.83
LEBANON CHEMICAL CO.	LEBANON 22606	PA 18-05-09	WIN	05.50	06.39
			Mg	01.00	01.88
			SO4-S	08.00	11.40
			Fe	01.00	00.93

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUARANTEED, %	FOUND, %		
LEBANON CHEMICAL CO.	LEBANON	PA	Mn	00.50	00.43 *		
			22611	21-03-16	WIN	13.00	08.74 *
	22607	30-05-10	SO4-S	05.20	05.62		
			Fe	00.50	00.75		
			Mn	00.70	00.31 *		
			SO4-S	04.00	00.18 *		
	22608	32-03-08	Fe	02.00	02.01		
			CSRN	15.00	15.61		
			WIN	03.60	01.28 *		
			SO4-S	02.60	02.98		
LEBANON SEABOARD	LEBANON	PA	CSRN	08.40	09.14		
			21983	10-16-20	Mg	01.00	01.01
	23989	18-03-12	SO4-S	02.00	04.61		
			Fe	01.00	01.39		
			Mn	00.50	00.31 *		
			WIN	07.60	07.67		
	23563	20-04-10	Mg	01.00	02.67		
			Fe	01.00	00.54 *		
			Mn	00.50	00.23 *		
			WIN	04.80	04.22 *		
24437	24-02-12	Fe	00.50	00.96			
		WIN	12.80	07.57 *			
		Fe	00.40	00.64			
		Mn	00.20	00.21			
24438	25-03-10	Fe	02.00	02.29			
		CSRN	25.00	24.37			
LESCO, INC.	ROCKY RIVER	OH	SO4-S	02.15	03.38		
			24581	18-24-12	CSRN	08.10	08.20
	23842	19-03-06	CSRN	05.13	04.94		
			21916	24-05-11	Fe	02.00	02.70
	21966	32-03-08	Mn	01.00	01.01		
			CSRN	10.80	12.93		
			Fe	02.00	02.61		
			CSRN	08.64	06.60 *		
	23840	32-03-08	Fe	02.00	02.00		
			CSRN	08.64	07.85		
	21917	32-05-07	CSRN	07.20	05.77 *		
	MARTIN MARIETTA MAGNESIA SPEC	MANISTEE	MI	Mg	58.00	59.65	
22691				00-00-00	Mg	58.00	59.53
23602				00-00-00	Mg	58.00	60.32
24592				00-00-00	Mg	58.00	60.43
24681				00-00-00	Mg	58.00	58.19
25445				00-00-00	Mg	58.00	
MARTIN RESOURCES	KILGORE	TX	S	90.00	91.46		
			22970	00-00-00	S	90.00	90.23
			23291	00-00-00	S	90.00	90.90
			23626	00-00-00	S	90.00	90.96
			23853	00-00-00	S	90.00	92.46
			24615	00-00-00	S	90.00	91.32
			24971	00-00-00	S	90.00	
MAYSLICK MILL	MAYSLICK	KY	B	00.90	00.91		
			23981	04-10-41	B	00.90	
MILES FARM CENTER	EKRON	KY	B	00.39	00.40		
			23278	00-07-47	B	00.69	00.65
			23285	00-11-39	B	00.49	00.47
			23279	09-24-24	B		

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUARANTEED, %	FOUND, %
MILES FARM CENTER	SHELBYVILLE	KY			
	23788	00-20-20	B	00.07	00.73
MILES FARM SUPPLY	OWENSBORO	KY			
	22306	00-00-22	Mg	11.00	10.97
			SO4-S	22.00	22.73
	24182	05-00-00	Mg	05.00	06.35
			SO4-S	09.00	07.18 *
			B	00.50	00.63
			Cu	00.50	00.63
			Zn	15.00	12.78 *
MILES FARM SUPPLY	UPTON	KY			
	23415	03-16-38	B	00.32	00.34
	25346	15-13-19	Mg	01.33	01.49
			SO4-S	02.66	10.04
	25347	19-11-17	Mg	01.29	01.51
			SO4-S	02.35	08.84
NECESSARY ORGANICS, INC.	MPLS	MN			
	24640	07-05-05	WIN	06.00	05.59
			Ca	07.00	10.71
			Mg	00.80	00.65
			SO4-S	01.00	00.50 *
NORTHERN STAR MINERALS IN	NEW ALBANY	IN			
	25232	06-12-18	Ca	04.00	05.79
			Mg	00.12	00.41
			SO4-S	05.00	09.87
			Cu	00.05	00.04
			Fe	00.20	00.77
			Zn	00.08	00.09
OLDFIELD, J.A. & SON	MIZE	KY			
	22774	00-20-20	B	00.50	00.50
PLEASANT VIEW FARMS AGRI SERV.	SOUTH UNION	KY			
	23931	05-15-39	B	00.27	00.27
PURSELL INDUSTRIES	SYLACAUGA	AL			
	24551	00-00-00	Fe	00.00	00.00
	23664	01-11-00	WIN	01.00	01.05
			Ca	22.00	29.99
	23254	04-06-06	WIN	02.58	02.60
			Ca	16.00	16.92
			Mg	02.00	00.43 *
			SO4-S	03.00	06.62
			Fe	01.00	00.87 *
	21911	04-10-06	WIN	02.65	02.99
			Ca	14.00	14.97
			Mg	01.00	00.47 *
			SO4-S	04.00	06.56
			Fe	01.00	00.91
	24642	04-10-06	WIN	02.65	02.93
			Ca	14.00	13.43
			Mg	01.00	00.40 *
			SO4-S	04.00	07.80
			Fe	01.00	00.81 *
	21912	05-03-03	WIN	03.66	03.68
			Ca	14.00	14.24
			Mg	03.00	02.20 *
			SO4-S	03.00	07.30
			Fe	01.00	00.81 *
	24419	05-10-06	Mg	01.00	04.28
			Fe	01.00	01.24

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUARANTEED, %	FOUND, %
PURSELL INDUSTRIES	SYLACAUGA	AL			
	24421	05-10-08	Mg	00.75	04.22
			Fe	01.00	01.02
	24420	05-10-10	Mg	00.75	02.84
			Fe	00.50	00.68
	23255	06-06-04	WIN	04.57	04.87
			Ca	11.00	12.40
			Mg	02.00	00.37 *
			SO4-S	03.00	05.37
			Fe	01.00	00.75 *
	24643	06-06-04	WIN	04.57	04.83
			Ca	11.00	12.14
			Mg	02.00	00.40 *
			SO4-S	03.00	05.29
			Fe	01.00	00.92
	24069	08-16-08	Fe	00.10	00.16
			Mn	00.05	00.05
			Zn	00.05	00.05
	24550	08-16-08	Fe	00.10	00.16
			Mn	00.05	00.05
			Zn	00.05	00.05
	24998	09-09-06	CSRK	06.60	07.34
			CSRK	03.70	03.58
	24634	09-21-14	CSRK	02.10	03.72
	24068	10-10-05	Fe	00.10	00.14
			Mn	00.05	00.05
			Zn	00.05	00.05
	21914	10-10-10	B	00.02	00.02
			Cu	00.05	00.04
			Fe	00.10	00.64
			Mn	00.05	00.12
			Zn	00.05	00.12
			CSRN	01.70	03.21
	21926	10-10-10	CSRN	01.70	02.66
	21757	10-45-20	B	00.02	00.02
			Cu	00.05	00.04
			Fe	00.10	00.10
			Mn	00.05	00.04
			Mo	00.00	00.00
			Zn	00.05	00.04
	21758	11-40-06	B	00.02	00.03
			Cu	00.05	00.06
			Fe	00.10	01.31
			Mn	00.05	00.09
			Mo	00.00	00.00
			Zn	00.05	00.24
			CSRN	02.40	04.98
	24064	11-40-06	B	00.02	00.03
			Cu	00.05	00.02 *
			Fe	00.10	01.14
			Mn	00.01	00.05
			Zn	00.05	00.06
		CSRN	02.40	06.34	
24635	11-40-06	B	00.02	00.02	
		Cu	00.05	00.02 *	
		Fe	00.10	01.09	
		Mn	00.05	00.06	
		Mo	00.00	00.00	
		Zn	00.05	00.11	
		CSRN	02.40	09.78	
25388	11-40-06	CSRN	02.40	04.88	
24993	12-04-08	B	00.02	00.03	
		Cu	00.05	00.04	
		Fe	00.10	00.39	
		Mn	00.05	00.08	
		Mo	00.00	00.00	
		Zn	00.05	00.15	
25389	12-05-07	B	00.02	00.03	
		Cu	00.05	00.06	
		Fe	01.00	01.31	
		Mn	00.05	00.18	
		Mo	00.00	00.00	
		Zn	00.05	00.24	

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUARANTEED, %	FOUND, %		
PURSELL INDUSTRIES	SYLACAUGA	AL	CSRN	07.80	07.22		
			CSRN	08.00	09.29		
	24254	12-06-06	CSRN	08.00	09.29		
			CSRN	08.00	09.29		
	24063	13-13-13	SO4-S	04.50	04.91		
			CSRN	11.70	13.94		
			CSRP	11.70	12.79		
			CSRK	11.70	13.94		
	21951	15-05-13	B	00.02	00.02		
			Cu	00.05	00.07		
			Fe	01.00	01.55		
			Mn	00.05	00.07		
			Mo	00.00	00.00		
			Zn	00.05	00.21		
			CSRN	07.50	08.66		
			CSRN	08.90	08.04		
	22580	17-05-11	CSRN	08.90	08.04		
			CSRN	08.90	08.04		
	24061	18-06-12	Ca	01.22	01.62		
			CSRN	16.20	18.78		
			CSRP	05.40	05.47		
			CSRK	10.80	12.52		
	21948	18-24-10	Fe	00.10	00.69		
CSRN			05.40	13.03			
21982	18-25-06	B	00.02	00.02			
		Cu	00.05	00.09			
		Fe	00.10	01.53			
		Mn	00.05	00.18			
		Mo	00.00	00.00			
		Zn	00.05	00.36			
		CSRN	04.50	07.55			
		SO4-S	01.40	02.48			
21981	22-03-14	SO4-S	01.40	02.48			
		CSRN	05.50	08.00			
RICH POND CROP SERVICE	BOWLING GREEN	KY					
			21967	04-22-25	B	00.48	00.50
			23133	05-25-29	B	00.13	00.14
ROYSTER CLARK	TARBORO	NC					
			23802	00-00-00	B	10.00	08.85 *
ROYSTER CLARK	FULTON	KY					
			23716	21-10-13	SO4-S	02.66	02.78
ROYSTER CLARK	SEDALIA	KY					
			22032	05-13-22	Mg	01.08	01.38
			22033	05-13-22	SO4-S	02.16	03.00
					Mg	01.08	01.17
		SO4-S	02.16	02.56			
ROYSTER CLARK	ADAIRVILLE	KY					
			22079	11-33-10	Ca	01.00	01.45
					Mg	01.00	01.22
					SO4-S	03.00	04.61
					Fe	00.15	00.95
					Zn	00.30	00.33
ROYSTER CLARK	MADISON	WI					
			23982	00-00-00	B	10.00	10.09
ROYSTER CLARK	COLLINSVILLE	IL					
			22351	00-00-22	Mg	10.00	10.94
					SO4-S	21.00	22.35
			23136	18-08-00	SO4-S	16.00	16.46
					Zn	02.00	02.08
23720	21-00-00	SO4-S	24.00	24.21			

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUARANTEED, %	FOUND, %
ROYSTER CLARK	FRANKLIN	KY			
	23740	05-21-21	Zn	00.83	02.11
	23741	13-15-21	SO4-S	05.44	05.98
			Zn	00.68	00.63
	23742	25-11-12	SO4-S	00.80	01.19
			Zn	00.10	00.09
	23455	26-01-00	SO4-S	02.66	03.12
			Zn	00.33	00.40
	23456	26-01-00	SO4-S	02.66	02.66
			Zn	00.33	00.35
	23459	26-01-00	SO4-S	02.66	03.11
			Zn	00.33	00.39
	23460	26-01-00	SO4-S	02.66	03.16
			Zn	00.33	00.43
ROYSTER CLARK	GUTHRIE	KY			
	23558	11-23-23	SO4-S	02.05	03.16
			Zn	00.25	00.26
	23559	17-17-13	SO4-S	03.55	04.73
			Zn	00.44	00.55
ROYSTER CLARK	UTICA	KY			
	24465	19-17-19	SO4-S	01.20	01.71
			Zn	00.15	00.13
	24467	19-17-19	SO4-S	01.20	01.70
	24470	19-17-19	SO4-S	01.19	01.89
			Zn	00.14	00.15
ROYSTER CLARK	WASHINGTON CH	OH			
	25538	13-13-13	SO4-S	12.00	11.16 *
RUDOLPH FARM SUPPLY	SALEM	KY			
	23209	06-17-34	B	00.36	00.34
SCHOCHOH CROP SERVICE	RUSSELLVILLE	KY			
	24143	06-15-16	Mg	00.33	00.69
			SO4-S	00.59	00.97
			B	00.03	00.04
			Cu	00.03	00.03
			Zn	00.98	00.67 *
	24145	06-15-16	Mg	00.33	00.63
			SO4-S	00.59	00.96
			B	00.03	00.03
			Cu	00.03	00.02
			Zn	00.98	00.61 *
	24146	09-22-24	Mg	00.49	00.85
			SO4-S	00.88	01.21
			B	00.04	00.05
			Cu	00.04	00.05
			Zn	01.47	00.99 *
	24183	12-32-13	Mg	00.34	00.98
			SO4-S	00.62	01.55
			B	00.03	00.06
			Cu	00.03	00.05
			Zn	01.04	01.06
	24184	12-32-13	Mg	00.34	00.88
			SO4-S	00.62	01.56
			B	00.03	00.06
			Cu	00.03	00.04
			Zn	01.04	00.90 *
	24181	18-00-00	Mg	00.53	00.94
			SO4-S	00.96	00.87
			B	00.05	00.05
			Cu	00.05	00.05
			Zn	01.60	01.10 *
	24771	18-10-12	Mg	00.30	00.58
			Cu	00.03	00.06

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUARANTEED, %	FOUND, %		
SCHOCHOH CROP SERVICE	RUSSELLVILLE	KY	Zn	01.00	00.89		
			24185	19-00-00	Mg	00.52	00.91
					SO4-S	00.94	00.87
					B	00.05	00.05
					Cu	00.05	00.06
			Zn	01.56	01.26 *		
SCHULTZ COMPANY	BRIDGETON	MO	21754	02-07-07	Fe	00.10	00.11
					Mn	00.05	00.04
					Zn	00.05	00.04
			22865	02-07-07	Fe	00.10	00.15
					Mn	00.05	00.04
					Zn	00.05	00.05
			21750	05-30-05	Fe	00.10	00.12
					Mn	00.05	00.04
					Zn	00.05	00.05
			22579	08-00-00	Mg	01.00	01.16
					SO4-S	05.00	05.34
					Fe	06.00	06.08
			21753	08-14-09	Fe	00.10	00.09
					Mn	00.05	00.04
					Zn	00.05	00.05
			22623	08-14-09	Fe	00.10	00.10
					Mn	00.05	00.04
					Zn	00.05	00.05
			21898	09-10-15	Mg	00.50	00.47
					Cu	00.05	00.04
					Fe	00.10	00.10
					Mn	00.05	00.04
					Zn	00.05	00.04
			23258	10-12-12	Cu	00.05	00.05
					Fe	00.10	00.11
					Mn	00.05	00.05
					Zn	00.05	00.05
			24638	10-12-12	Cu	00.05	00.05
					Fe	00.10	00.10
					Mn	00.05	00.04
					Zn	00.05	00.05
			22588	10-15-10	Fe	00.10	00.13
					Mn	00.05	00.04
					Zn	00.05	00.05
			24070	10-15-10	Fe	00.10	00.16
					Mn	00.05	00.04
					Zn	00.05	00.05
			25531	10-15-10	Fe	00.10	00.10
					Mn	00.05	00.05
					Zn	00.05	00.05
			21910	10-60-10	Fe	00.10	00.10
					Mn	00.05	00.04
		Zn	00.05	00.05			
22411	10-60-10	Fe	00.10	00.11			
		Mn	00.05	00.04			
		Zn	00.05	00.05			
24636	10-60-10	Fe	00.10	00.11			
		Mn	00.05	00.04			
		Zn	00.05	00.05			
21952	18-06-12	Mg	01.00	01.53			
		B	00.02	00.00 *			
		Cu	00.05	00.00 *			
		Fe	00.15	00.15			
		Mn	00.06	00.02 *			
		Mo	00.00	00.00 *			
		CSRN	18.00	17.93			
		CSRP	06.00	09.37			
		CSRK	12.00	10.72 *			
22866	18-06-12	Mg	01.00	01.45			
		B	00.02	00.00 *			
		Cu	00.05	00.00 *			
		Fe	00.15	00.21			
		Mn	00.06	00.02 *			

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUARANTEED, %	FOUND, %			
SCHULTZ COMPANY	BRIDGETON	MO	Mo	00.00	00.00 *			
			CSRN	18.00	36.30			
			CSRP	06.00	08.20			
			CSRK	12.00	11.47			
			24631	19-24-24	Cu	00.05	00.06	
					Fe	00.10	00.10	
					Mn	00.05	00.04	
					Zn	00.05	00.05	
			21749	20-30-20	Fe	00.10	00.17	
					Mn	00.05	00.05	
			22582	20-30-20	Fe	00.10	00.10	
					Mn	00.05	00.04	
			22587	20-30-20	Zn	00.05	00.05	
					Fe	00.10	00.10	
			24639	20-30-20	Mn	00.05	00.05	
					Zn	00.05	00.05	
					Fe	00.10	00.09	
			25390	20-30-20	Mn	00.05	00.04	
					Zn	00.05	00.05	
					Fe	00.10	00.12	
			THE SCOTTS COMPANY	MARYSVILLE	OH	WIN	06.00	06.01
						Fe	00.50	00.41 *
						23257	09-18-18	Mg
SO4-S	01.70	03.62						
Cu	00.05	00.18						
Fe	00.80	01.58						
Mn	00.40	00.69						
25532	09-18-18	Zn				00.50	00.49	
		CSRN				04.30	05.22	
		Mg				01.20	02.25	
		SO4-S				01.70	03.15	
		Cu				00.05	00.09	
22584	18-09-18	Fe				00.80	01.77	
		Mn				00.40	00.58	
		Zn				00.50	00.47	
		CSRN				04.30	05.32	
		WIN				02.00	00.88 *	
21908	19-26-06	SO4-S				06.70	08.18	
		Fe				00.28	00.71	
21909	20-07-08	WIN				00.30	00.58	
		Mg				01.20	01.33	
22674	20-07-08	SO4-S				02.40	02.68	
		Cu				00.05	00.09	
		Fe	02.80	03.41				
		Mn	00.30	00.39				
		Zn	00.10	00.19				
		CSRN	17.50	17.98				
		Mg	01.20	01.37				
		SO4-S	02.40	02.88				
		Cu	00.05	00.11				
		Fe	02.80	03.44				
21760	20-27-05	Mn	00.30	00.50				
		Zn	00.10	00.25				
21949	20-27-05	CSRN	17.50	18.03				
		WIN	00.40	00.64				
22586	20-27-05	WIN	00.40	00.64				
		WIN	00.40	00.67				
24641	20-27-05	WIN	00.40	00.55				
		WIN	00.90	00.99				
21761	31-03-10	SO4-S	03.80	04.33				
		Fe	00.20	00.40				
		Mn	00.10	00.12				
		WIN	00.90	00.56				
23663	31-03-10	SO4-S	03.80	04.85				
		Fe	00.20	00.83				
		Mn	00.10	00.12				
		WIN	00.90	00.56				

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUARANTEED, %	FOUND, %
SCOTT'S MIRACLE GRO PRODUCTS	PORT WASHINGT	NY			
	23662	06-12-06	WIN	02.17	02.83
			B	00.02	00.02
			Cu	00.05	00.06
			Fe	00.15	00.34
			Mn	00.05	00.05
			Zn	00.05	00.06
	22864	07-07-07	B	00.02	00.02
			Cu	00.05	00.05
			Fe	00.10	00.15
			Mn	00.08	00.07
			Zn	00.05	00.04
	21748	10-52-10	B	00.02	00.01
			Cu	00.07	00.09
			Fe	00.15	00.19
	22581	10-52-10	B	00.02	00.01
			Cu	00.07	00.09
			Fe	00.15	00.19
			Mn	00.05	00.05
	21907	15-30-15	B	00.02	00.01
			Cu	00.07	00.08
			Fe	00.15	00.17
			Mn	00.05	00.04
			Mo	00.00	00.00
			Zn	00.06	00.06
	21953	15-30-15	B	00.02	00.01
			Cu	00.07	00.10
			Fe	00.15	00.20
			Mn	00.05	00.05
			Mo	00.00	00.00
			Zn	00.06	00.07
	22406	15-30-15	B	00.02	00.01
			Cu	00.07	00.09
			Fe	00.15	00.19
			Mn	00.05	00.08
			Mo	00.00	00.00
			Zn	00.06	00.07
	24055	15-30-15	B	00.02	00.02
			Cu	00.07	00.08
			Fe	00.15	00.19
			Mn	00.05	00.04
			Zn	00.06	00.06
	25523	15-30-15	B	00.02	00.01
			Cu	00.07	00.08
			Fe	00.15	00.18
			Mn	00.05	00.05
			Mo	00.00	00.00
			Zn	00.06	00.06
	24994	18-18-21	Mg	00.50	00.56
			Cu	00.05	00.11
			Fe	00.10	00.24
			Mn	00.05	00.05
			Zn	00.05	00.08
	22868	30-10-10	B	00.02	00.01
			Cu	00.07	00.10
			Fe	00.32	00.39
			Mn	00.05	00.04
			Zn	00.07	00.13
	22867	36-06-06	Fe	00.32	00.41
SCOTT'S SIERRA HORT PROD CO	MARYSVILLE	OH			
	24415	12-36-14	Mg	00.50	00.50
			B	00.02	00.01
			Cu	00.05	00.05
			Fe	00.10	00.09
			Mn	00.05	00.05
			Mo	00.00	00.00
			Zn	00.05	00.05
	22676	14-14-14	CSRN	12.00	13.71
			CSRP	12.00	13.80
			CSRK	12.00	14.09

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUARANTEED, %	FOUND, %					
SCOTTS SIERRA HORT PROD CO	MARYSVILLE	OH	22675	18-06-12	CSRN	16.00	19.13			
					CSRP	05.00	06.03			
					CSRK	11.00	12.84			
		24991	18-06-12		CSRN	16.00	18.94			
				CSRP	05.00	05.78				
				CSRK	11.00	12.96				
		24056	20-10-05		WIN	13.00	14.40			
				Ca	02.60	04.03				
				SO4-S	01.60	03.11				
				Fe	00.35	00.84				
SIMS AG PRODUCTS	MT GILEAD	OH	23210	00-00-00	Zn	31.00	29.83 *			
			24618	00-00-00	Zn	36.00	30.56 *			
			24773	03-00-00		Mg	05.00	05.57		
						SO4-S	09.00	12.19		
						B	00.75	00.93		
						Cu	00.75	01.22		
				24817	03-00-00		Zn	15.00	13.40 *	
						Mg	05.00	05.57		
						B	00.75	00.88		
						Cu	00.75	00.78		
						Zn	15.00	15.65		
			SMITH-DOUGLASS OF KY	RUSSELLVILLE	KY	23944	05-26-07	Mg	03.74	04.35
								SO4-S	08.65	09.72
B	00.08	00.08								
Cu	00.08	00.06 *								
Zn	01.70	01.38 *								
THE SOLARIS GROUP	SAN RAMON	CA	21895	20-20-20	B	00.02	00.02			
					Cu	00.05	00.04			
					Fe	00.10	00.08			
					Mn	00.05	00.04			
					Zn	00.05	00.05			
					SOUTHERN IMPORTERS, INC.	GREENSBORO	NC	23870	00-00-00	WIN
SPECTRUM GROUP	ST LOUIS	MO	23259	12-26-06	WIN	04.95	07.28			
					CSRN	04.90	07.57			
			21899	15-13-13	WIN	06.39	06.63			
					Mg	01.20	02.83			
					SO4-S	02.75	03.10			
					Cu	00.10	00.14			
					Fe	01.00	01.54			
					Mn	00.40	00.49			
					Zn	00.40	00.44			
					CSRN	03.35	10.33			
			22862	15-13-13	WIN	06.39	06.79			
					Mg	01.20	02.03			
					SO4-S	02.75	03.13			
					Cu	00.10	00.10			
					Fe	01.00	01.48			
					Mn	00.40	00.34 *			
					Zn	00.40	00.39			
					CSRN	03.35	11.83			
22412	20-20-20	Mg	00.50	00.48						
		B	00.02	00.01						
		Cu	00.05	00.05						
		Fe	00.10	00.10						
		Mn	00.05	00.04						
		Mo	00.00	00.00						
		Zn	00.05	00.04						

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUARANTEED, %	FOUND, %		
SPECTRUM GROUP	ST LOUIS 24545	MO 30-10-10	Mg	00.50	00.41		
			B	00.02	00.02		
			Cu	00.05	00.04		
			Fe	00.10	00.11		
			Mn	00.05	00.04		
			Mo	00.00	00.00		
			Zn	00.05	00.04		
SQM NORTHAMERICA	ATLANTA	GA					
			23645	00-00-00	B	10.00	11.21
			25424	00-00-00	B	10.00	11.37
S.S. BARDSTOWN	BARDSTOWN	KY					
			24346	00-17-35	B	00.34	00.39
			24347	00-18-35	B	00.26	00.30
			24348	00-18-35	B	00.26	00.26
			22839	02-07-47	B	00.71	00.73
			25290	05-14-37	B	00.89	01.01
S.S. KY SVC TRIMBLE BR	BEDFORD	KY					
			23683	09-25-25	B	00.39	00.41
			25028	17-14-21	B	00.02	00.02
					Cu	00.05	00.02 *
					Fe	00.10	00.43
					Mn	00.05	00.04
					Zn	00.05	00.06
			23678	19-19-19	B	00.17	00.17
SS COOP BRANDENBURG SERVICE	BRANDENBURG	KY					
			24663	08-19-30	SO4-S	01.79	02.58
					Zn	00.19	00.22
S.S. COOP INC	BRISTOL	VA					
			22965	07-00-00	WIN	05.80	07.81
SS COOP CALHOUN SERVICE	CALHOUN	KY					
			22089	00-16-33	B	00.44	00.43
			22090	00-17-33	B	00.45	00.52
					Zn	01.08	01.27
S.S. OWINGSVL CARLISLE SERVICE	CARLISLE	KY					
			23977	16-08-23	B	00.38	00.35
S.S. CYNTHIANA	CYNTHIANA	KY					
			25195	15-13-19	Zn	00.09	00.14
S.S. TODD SVC	ELKTON	KY					
			24769	17-11-12	Mg	00.48	02.40
			24770	17-11-12	Mg	00.48	02.70
SSCINC-KENTUCKIANA SV	EMINENCE	KY					
			24649	15-06-33	B	00.49	00.50
S.S. FLEMINGSBURG	FLEMINGSBURG	KY					
			23306	04-11-43	B	00.32	00.36
S.S. HOPKINSVILLE	HOPKINSVILLE	KY					
			22123	03-17-17	Mg	01.48	01.75
					SO4-S	02.96	03.61
			22124	03-17-17	Mg	01.48	01.99

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUARANTEED, %	FOUND, %
S.S. HOPKINSVILLE	HOPKINSVILLE	KY	SO4-S	02.96	04.10
			22164	04-22-22	Mg
	22167	04-22-22	SO4-S	06.27	05.76 *
			Mg	03.13	03.61
			SO4-S	06.27	07.21
S.S. HORSE CAVE	HORSE CAVE	KY			
			22724	14-17-24	B
	22723	24-12-12	Zn	00.45	00.44
			B	00.21	00.19
S.S. KY SVC LAGRANGE BR	LAGRANGE	KY			
			24742	16-13-25	Zn
	24749	21-18-13	Zn	00.65	00.62
	24751	21-18-13	Zn	00.65	00.64
S.S. LANCASTER SVC	LANCASTER	KY			
			23962	02-09-09	B
S.S. ANDRSN FRNKLN LWRNCEBRG B	LAWRENCEBURG	KY			
			23167	00-00-53	B
S.S. LEBANON SVC	LEBANON	KY			
			23232	05-13-41	B
S.S. LEXINGTON	LEXINGTON	KY			
			25003	19-00-17	Mg
	25163	21-06-11	B	00.06	00.05
			Zn	00.17	00.19
			Mg	01.56	01.90
	25005	29-00-02	SO4-S	03.13	03.57
			Mg	01.29	01.61
			SO4-S	02.58	02.84
			B	00.10	00.11
			Zn	00.24	00.25
S.S. LIBERTY SVC	LIBERTY	KY			
			24050	03-10-44	B
S.S. MAYSVILLE	MAYSVILLE	KY			
			24093	00-00-57	B
	24499	00-06-48	B	00.41	00.45
	24498	04-10-31	B	00.62	00.69
S.S. NICHOLASVILLE SVC	NICHOLASVILLE	KY			
			25247	30-00-00	Zn
	25248	30-00-00	Zn	03.22	03.35
S.S. OWENTON	OWENTON	KY			
			25173	00-00-58	B
	24166	04-11-43	B	00.51	00.55
	24169	04-11-43	B	00.51	00.51
	24168	08-06-42	B	00.45	00.43
	25177	14-14-20	B	00.02	00.03
			Cu	00.07	00.08
			Fe	00.10	00.71
			Mn	00.07	00.07
			Mo	00.00	00.00 *
Zn	00.07	00.09			

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUARANTEED, %	FOUND, %
S.S. OWINGSVILLE SVC	OWINGSVILLE	KY			
	23340	06-24-25	B	00.47	00.44
S.S. LEXINGTON PARIS BR	PARIS	KY			
	24147	00-00-49	B	00.88	00.92
S.S. COOP. INC-FERT. DIV.	RICHMOND	VA			
	23164	00-00-20	Mg	10.00	10.22
			SO4-S	21.00	20.86
	24228	00-00-20	Mg	10.00	10.36
			SO4-S	20.00	21.39
	23620	00-00-22	Mg	11.00	10.84
			SO4-S	22.00	22.28
	23810	00-00-22	Mg	11.00	11.04
			SO4-S	22.00	22.16
	23825	00-00-22	Mg	11.00	11.37
			SO4-S	22.00	22.81
	24593	05-10-15	Mg	01.00	04.69
			SO4-S	04.00	06.84
			B	00.02	00.03
			Cu	00.05	00.05
			Fe	00.10	00.59
			Mn	00.05	00.06
			Zn	00.05	00.16
	24595	05-10-15	Mg	01.00	04.21
			SO4-S	04.00	07.03
			B	00.02	00.02
			Cu	00.05	00.05
			Fe	00.10	00.52
			Mn	00.05	00.06
			Zn	00.05	00.16
	24667	18-08-00	Zn	02.00	02.42
S.S. RICHMOND SERVICE	RICHMOND	KY			
	24157	06-25-25	B	00.15	00.16
S.S. RUSSELLVILLE	RUSSELLVILLE	KY			
	23160	08-22-25	Mg	01.24	01.55
			SO4-S	02.62	03.19
	23161	08-22-25	Mg	01.24	01.54
			SO4-S	02.62	03.19
S.S. SHELBYVILLE	SHELBYVILLE	KY			
	23085	09-17-30	B	00.69	00.79
S.S. SOMERSET	SOMERSET	KY			
	22935	00-15-38	B	00.34	00.38
S.S. WINCHESTER	WINCHESTER	KY			
	24190	00-10-30	B	00.45	00.38
	24563	00-10-30	B	00.45	00.31 *
	24675	00-10-30	B	00.45	00.42
	23295	13-34-11	Zn	00.40	00.49
	24264	14-18-25	B	00.45	00.48
S.S. CLARK	WINCHESTER	KY			
	25370	05-13-39	B	00.58	00.64
SUN BULB CO INC	ARCADIA	FL			
	24060	20-14-13	Mg	01.00	01.01
			B	00.02	00.01
			Cu	00.05	00.04
			Fe	00.20	00.18

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUARANTEED, %	FOUND, %		
SUN BULB CO INC	ARCADIA	FL	Mn	00.05	00.04		
			Mo	00.00	00.00		
			Zn	00.05	00.03 *		
SUNWRAY LIQUID FERT., INC.	WINGO	KY					
			23516	11-18-24	SO4-S	04.80	05.45
			23517	11-18-24	SO4-S	04.80	04.73
			23518	11-18-24	SO4-S	04.80	05.30
			23519	11-18-24	SO4-S	04.80	05.00
			24787	12-20-20	SO4-S	05.22	05.98
			24788	12-20-20	SO4-S	05.22	06.03
G M TAYLOR SEED COMPANY	GEORGETOWN	KY					
			25446	20-00-25	Mg SO4-S	01.22 02.44	01.99 09.27
TETRA MICRONUTRIENTS	HOUSTON	TX					
			24744	00-00-00	Zn	31.00	28.92 *
TIGER SUNBELT	ATMORE	AL					
			23204	00-00-00	S	90.00	90.43
TYLER ENTERPRISES, INC	ELWOOD	IL					
			23561	20-03-05	CSRN	04.00	07.77
U S BORAX INC	VALENCIA	CA					
			22692	00-00-00	B	15.00	14.50
			22765	00-00-00	B	15.00	15.24
			22840	00-00-00	B	15.00	15.31
			22874	00-00-00	B	15.00	15.63
			22971	00-00-00	B	15.00	15.44
			22982	00-00-00	B	15.00	15.67
			23208	00-00-00	B	15.00	15.69
			23266	00-00-00	B	15.00	15.91
			23292	00-00-00	B	15.00	15.80
			23308	00-00-00	B	15.00	15.48
			23400	00-00-00	B	15.00	15.76
			23627	00-00-00	B	15.00	15.56
			23911	00-00-00	B	15.00	15.77
			24672	00-00-00	B	15.00	15.46
			25011	00-00-00	B	15.00	15.86
			25098	00-00-00	B	15.00	15.71
VOLUNTARY PURCHASING GROUP	BONHAM	TX					
			24414	00-00-00	Cu	00.05	00.04
					Fe	03.25	03.20
					Mn	00.15	00.15
					Zn	00.16	00.21
			24416	06-01-01	WIN	06.00	05.79
			25288	09-13-07	B	00.02	00.01
					Cu	00.05	00.04
					Fe	00.10	02.26
					Mn	00.05	00.06
			22612	10-05-14	Zn	00.05	00.06
					B	00.02	00.01
					Cu	00.05	00.05
					Fe	00.10	01.10
			25289	11-15-11	Mn	00.05	00.07
					Zn	00.05	00.04
					B	00.02	00.01
Cu	00.05	00.04					
Fe	00.10	01.66					
		Mn	00.05	00.05			
		Zn	00.05	00.04			

TABLE 2. (Continued)

COMPANY	SAMPLE	GRADE	ELEMENT	GUARANTEED, %	FOUND, %
WARNER FERTILIZER CO.	E. BERNSTADT	KY			
	23777	00-08-46	Mg	01.11	01.05
			B	00.03	00.04
	23779	00-25-25	B	00.21	00.27
WATCH-US-GROW OF KENTUCKY	LOUISVILLE	KY			
	22585	08-08-08	B	00.02	00.01
			Cu	00.05	00.05
			Fe	00.10	00.14
			Mn	00.05	00.05
			Zn	00.05	00.05
WOODFORD FEED CO.	VERSAILLES	KY			
	25241	00-00-36	B	02.00	01.97

TABLE 3. COMPANIES REGISTERED TO SELL FERTILIZERS IN KENTUCKY AS OF JUNE 30,2000.

ACADIAN SEAPLANTS 30 BROWN AVENUE NOVA SCOTIA CN B3B18	AGRIUM US INC 601 W RIVERSIDE AVE SPOKANE WA 99220	AMERICAN CROP SVCS INC 1916 DAWSON SPRINGS HOPKINSVILLE KY 42240
ACE HARDWARE PO BOX 4883 OAK BROOK IL 60525	AGRI-URBAN INC PO BOX 117 LEBANON OH 45036	AMERICAN CROP SVCS INC 99 WEST STATE LINE SO FULTON TN 38257
AG/GRO FERTILIZER CO. 303 HILL STREET WINCHESTER KY 40391	AGRO CULTURE LIQUID FERT DIVISION COG MARKETE ST JOHNS MI 48879	AMERICAN CROP SVCS INC PO BOX 3008 ST BETHELEHEM TN 37155
AG/GRO FERT. CO. #2 PENDLETON STREET WINCHESTER KY 40391	AIM LAWN & GARDEN PRODUCTS 739 MOORE ROAD AVON LAKE OH 44012	AMERICAN CROP SVCS INC PO BOX 40 UNION CITY TN 38261
AG DISTRIBUTORS INC PO BOX 90366 NASHVILLE TN 37209	AIR PRODUCTS & CHEMICALS PO BOX 467 PENSACOLA FL 32592	AMERICAN CROP SVCS INC PO BOX 117 WYNNBURG TN 38077
AGGRENE CORP 915 TOWER AVE SUPERIOR WI 54880	ALASKA FISH FERTILIZER CO. 865 EAST VALLEY RD RENTON WA 98055	AMERICAN HARDWARE SUPPLY CO. BUTLER PA 16001
AG-QUEST PO BOX 116 DRY RIDGE KY 41035	ALLEN CO. FARMERS SERVICE 512 SMITHS GROVE RD. SCOTTSVILLE KY 42164	AMERICAN MICROTRACE 2505 I 45 NORTH THE WOODLANDS TX 77380
AGRI TAB CORP PO BOX 160312 CLEARFIELD UT 84016	ALLEN COUNTY FEED AND SEED 310 SOUTH 4TH ST SCOTTSVILLE KY 42164	AMERICAN MICROTRACE 71025 569TH AVENUE FAIRBURY NE 68352
AGRI-ENERGY RESOURCES RR2 BOX 113 PRINCETON IL 61356	ALLENSVILLE CROP SERVICE 7645 ALLENSVILLE RD. ALLENSVILLE KY 42204	AMERICAN PLANT FOOD PO BOX 410042 CREVE COEUR MO 63141
AGRI-FLO OF KENTUCKY, INC. 3200 WAREHOUSE ROAD OWENSBORO KY 42301	ALLIED SIGNAL, INC. PO BOX 1559 HOPEWELL VA 23860	AMPRO INDUST AMTURF DIVISION 1123 129TH AVENUE BRADLEY MI 49311
AGRI CHEM, INC PO BOX 527 PRINCETON KY 42445	ALLJACK DIV OF UNITED IND ST LOUIS MO 63114	AMSOIL INC 925 TOWER AVE SUPERIOR WI 54880
AGRI-CHEM INC 11825 LAFAYETTE RD HERNDON KY 42236	ALL LIQUID PLANT FOOD 821 ST RT 511 N RD 3 ASHLAND OH 44805	AMWAY CORP 7575 E FULTON RD ADA MI 49355
AGRI-CHEM, INC. P.O. BOX 31 HOPKINSVILLE KY 42240	ALLTECH INC 3031 CATNIP HILL PIK NICHOLASVILLE KY 40356	ANDERSON CO FARM SERVICE 145 HAWKINS LAWRENCEBURG KY 40342
AGRI-CHEM, INC BOX 527 PRINCETON KY 42445	AMERICAN CROP SERVICES 841 HOPKINSVILLE RD RUSSELLVILLE KY 42276	THE ANDERSONS P.O. BOX 119 MAUMEE OH 43537
AGRI-CHEM INC 393 PENCHAM TRENTON KY 42286	AMERICAN MASTER PRODUCTS INC 913 DOMINION LANE SALEM VA 24153	ASB GREENWORLD PO BOX 1728 VALDOSTA GA 31603
AGRIGRO FARM CENTER, INC. P.O. BOX 143 HARTFORD KY 42347	AMERICAN MASTER PRODUCTS INC PO BOX 1001 WIXOM MI 48393	BVC DISTRIBUTING CO., INC. P.O. BOX 1108 MOULTRIE GA 31776
AGRI PORT TERMINAL 1127 PORT AUTHORITY EDDYVILLE KY 42038	AMERICAN CROP SVCS INC 179 SIMPSON ST FULTON KY 42041	BALLARD COUNTY COOP PO BOX 329 SUITE 600 LACENTER KY 42056
AGRIUM 4582 S ULSTER ST DENVER CO 80237	AMERICAN CROP SVCS INC 3005 STATE LINE RD HAZEL KY 42049	BANDANA FERTILIZER SERVICE BOX 72 BANDANA KY 42022

TABLE 3. (Continued)

BARKY BEAVER MULCH INC RT#1, BOX 84 MOSS TN 38575	CAMPBELLSVILLE CROP SERVICE P O BOX 7 CAMPBELLSVILL KY 42719	CIRCLE O FARM CENTER 2ND & MONROE STREETS STURGIS KY 42459
BARREN METCALFE FERT INC PO BOX 909 EDMONTON KY 42129	CAREFREE LAWNS, INC. 90 BEECHWOOD ROAD LOUISVILLE KY 40207	CLEMENTS AGRI SUPPLY PO BOX 347 SPRINGFIELD KY 40069
BARREN METCALFE FERT INC 8202 SULFUR WELL KNO KNOB LICK KY 42154	CARGILL MINNEAPOLIS MN	COAST TO COAST STORES 501 S CHERRY ST DENVER CO 80222
BEATTY FERTILIZER PO BOX 2878 CLEVELAND TN 37320	CARGILL GLASGOW KY	CONKLIN CO. INC. 551 VALLEY PARK DR SHAKOPEE MN 55379
BECKER UNDERWOOD INC 801 DAYTON AVENUE AMES IA 50010	CARGILL 401 AGRICO LANE SEYMOUR IN 47274	CORBIN FARM & GARDEN CENTER PO BOX 1187 CORBIN KY 40701
BICKETT AGRI CENTER 10391 ST RT 175 NORT CENTRAL CITY KY 42330	CARLISLE FARMERS SERVICE RT 1 CUNNINGHAM KY 42035	COUNTRYMARK COOP INC 950 N MERIDIAN INDIANAPOLIS IN 46204
BICKETT AGRI CENTER 9921 STATE RD 56 EAS MORGANFIELD KY 42437	CAROLINA SOIL PO BOX 1140 KINSTON NC 28503	COZINCO SALES INC PO BOX 27363 DENVER CO 80235
BLACK GOLD 8183 E COUNTY RD #46 OXFORD FL 34484	CARROLL CO. FARM BUREAU BOX 187 CARROLLTON KY 41008	CRITTENDEN FARM SUPPLY 312 W GUM ST MARION KY 42064
BLOOMFIELD FERT. & CHEM CO. BOX 370 BLOOMFIELD KY 40008	CASH VARIETY STORE 6205 HOLY CROSS RD LORETTO KY 40037	CROP MATE PEKIN IL 61554
BLUEGRASS SEED & FERT 3345 BLOOMFIELD RD BARDSTOWN KY 40004	CAYCE, THOMAS FARM SUPPLY 3069 HWY 1272 PRINCETON KY 42445	CROP PRODUCTION SVC 5357 HOPKINSVILLE RD CADIZ KY 42211
BOYD FARM CENTER 222 E PRINCETON CROFTON KY 42217	CECILIA FARM SERVICE PO BOX 7 CECILIA KY 42724	CROP PRODUCTION SVC P.O. BOX 8 CLARKSON KY 42726
BRANDT CONSOLIDATED PO BOX 277 PLEASANT PLAI IL 62677	CELEX CORPORATION 377 AMELIA ST PLYMOUTH MI 48170	CROP PRODUCTION SVC 8381 STATE RT 132 W CLAY KY 42404
OTIS BRYANT & SON PO BOX 148 CANEYVILLE KY 42721	CEN. FARMERS SUP. OF GREEN CO. 108 E. COLUMBIA AVEN GREENSBURG KY 42743	CROP PRODUCTION SVC 3705 BEECHWOOD AVE FRESNO CA 93711
BUNTON SEED COMPANY 939 E. JEFFERSON STR LOUISVILLE KY 40206	CENTRAL FIBER CORP 4814 FIBER LANE RD WELLSVILLE KS 66092	CROP PRODUCTION SVC 2084 WINDISH DR GALESBURG IL 61401
BURKESVILLE FERTILIZER CO 160 GARMON FERRY ST BURKESVILLE KY 42717	CHEM ONE CORP 8017 PINEMONT DR HOUSTON TX 77040	CROP PRODUCTION SVC 1229 OUTER 5TH STREE HENDERSON KY 42420
BURLEYS BEST INC 746 BENNINGTON PIKE VEVAY IN 47043	CHEVRON CHEM CO-AG. PROD. DIV. 15049 SAN PABLO AVEN RICHMOND CA 94804	CROP PRODUCTION SVC P.O. BOX 147 HODGENVILLE KY 42748
C & F SUPPLY INC PO BOX 88 HWY 70 HISEVILLE KY 42152	CHEVRON CHEMICAL COMPANY 6001 BOLLINGER CANYO SAN RAMON CA 94583	CROP PRODUCTION SVC 6495 SO JACKSON HWY HORSECAVE KY 42749
CF INDUSTRIES, INC. ONE SALEM DRIVE LONG GROVE IL 60047	CIBA-GEIGY CORP P.O. BOX 18300 GREENSBORO NC 27419	CROP PRODUCTION SVC P.O. BOX 506 MADISONVILLE KY 42431

TABLE 3. (Continued)

CROP PRODUCTION SVC ROUTE #4; BOX 63 MORGANFIELD KY 42437	DRAGON CORPORATION P.O. BOX 7311 ROANOKE VA 24019	FARMERS LIME CO. HWY 45 E SOUTH FULTON TN 38257
CROP PRODUCTION SVC 3520 NEW HARTFORD RD OWENSBORO KY 42303	DRAKES FARM SERVICE LOGANSPORT ROAD MORGANTOWN KY 42261	FARMERS MFG CO., INC. R.R.#1, BOX 345 DORSEY IL 62021
CROP PRODUCTION SVC 1911 OLD CALHOUN RD. OWENSBORO KY 42301	DREXEL CHEMICAL CO PO BOX 13327 MEMPHIS TN 38113	FARMERS PLANT FOOD INC. BOX J GARRETSON SD 57030
CROP PRODUCTION SVC P.O. BOX 129 PEMBROKE KY 42266	EARTHGRO INC 300 WINDING BROOK RD GLASTONBURG CT 06033	FARM FOR PROFIT 4345 HGWY 21 EMBARRESS MN 55732
CROP PRODUCTION SVC PO BOX 383 REESE MI 48757	EARTHGRO INC 300 WINDING BROOK DR GLASTONBURG CT 06033	FARMLAND INDUSTRIES INC 3315 N OAK TRAFFICWA KANSAS CITY MO 64116
CROP PRODUCTION SVC P.O. BOX 777 RUSSELLVILLE KY 42276	EASY GARDNER PO BOX 21025 WACO TX 76702	FARM SUPPLY DISTRIBUTORS 801 1/2 JEFFERSON AV COOKEVILLE TN 38501
CROP PRODUCTION SVC 4630 US HWY 60E WAVERLY KY 42462	ECOVAL TECHNOLOGIES 3600 BOUL DU TRICENT MONTREAL QUEB CA HIB 5	FARNAM COMPANY 301 WEST OSBORNE PHOENIX AZ 85013
CROWN TECHNOLOGY INC 7513 E 96TH ST INDIANAPOLIS IN 46256	ELKTON CROP SERVICE 4050 GUTHRIE RD GUTHRIE KY 42234	FELTY CROP SERVICE PO BOX 186 BEAVER DAM KY 42320
CUB RUN MILLING CO. 11115 CUB RUN HWY. CUB RUN KY 42729	EMERALD ISLE 2153 NEWPORT RD ANN ARBOR MI 48103	FISONS HORTICULTURE INC 177 SANFORDVILLE RD WARWICK NY 10990
CYPRESS CHEMICAL COMPANY PO BOX 589 HELENA AR 72342	ENVIRO PRODUCTS CORP PO BOX 335 NIXA MO 65714	FLEMING CO. FARM SUPPLY ROUTE 3 FLEMINGSBURG KY 41041
DABNEY FEED SUPP OF BRODHEAD 5215 HWY 150 BRODHEAD KY 40409	ENVIRO SAFE LABS 17455 SW 157 AVE MIAMI FL 33187	FLORATINE PRODUCTS 144 MID SOUTH COVE COLLIERVILLE TN 38017
DABNEY FEED SUPP OF SOMERSET 9210 HIGHWAY 39 SOMERSET KY 42501	ESCO PO BOX 655650 DALLAS TX 75265	FRANKLIN CROP SERVICE 2169 SPRINGFIELD ROA FRANKLIN KY 42134
DABNEY FEED SUPP OF WILLAILLA 6075 HWY 70 BRODHEAD KY 40409	THE ESPOMA COMPANY 6 ESPOMA ROAD MILLVILLE NJ 08332	FREE FLOW FERTILIZER CO. P. O. BOX 119 MAUMEE OH 43537
DAVEY TREE EXPERT CO. 1500 NORTH MANTUA ST KENT OH 44240	EVERGREEN LIQUID PLT FD RR #1 BRESLAU ON CN NOBIM	FRESH START MARKETING 4433 38TH ST NW CANTON OH 44718
DAVEY TREE EXPERT CO. 3600 CHAMBERLAIN #35 LOUISVILLE KY 40222	FARMERS FERTILIZER CO. 739 KELLEY RD BOWLING GREEN KY 42101	FRIIT INDUSTRIES PO BOX 1589 OZARK AL 36361
THE DAVEY TREE EXPERT CO 6065 BRANCH HILL GUI MILFORD OH 45150	FARMERS FERTILIZER CO. 5619 OLD NASHVILLE R BOWLING GREEN KY 42101	GAMALIEL BULK FERTILIZER INC 701 EAST MAIN ST. GAMALIEL KY 42140
DEXOL IND DIV OF RINGER ATTN LIZ NESLAND BLOOMINGTON MN 55431	FARMERS FERTILIZER CO. 150 SUNSET AVE SMITHS GROVE KY 42171	GLENDALE FARM SVC P.O. BOX 155 GLENDALE KY 42740
DOMESTIC FERTILIZER INC. 1750 SEVENTEENTH ST PARIS KY 40361	FARMERS GIN COMPANY P O BOX 295 CLINTON KY 42031	GLORIOUS GARDENS PO BOX 3628 DES MOINES IA 50322

TABLE 3. (Continued)

GRACE-SIERRA MITPITAS CA	GURNEY SEED & NURSERY 110 CAPITAL ST YANKTON SD 57078	HUTSON AG SERVICE 2040W RAILROAD AVE MURRAY KY 42071
GRANT CO FARM SUPPLY P.O. BOX 116 DRY RIDGE KY 41035	HAIMBAUGH ENTERPRISES 2392 N BOEING DR WARSAW IN 46580	HUTSON AG SERVICE 151 STATELINE RD BOX HAZEL KY 42029
GRAVES CO SOIL ASSN 518 BEECH STREET MAYFIELD KY 42066	HANCOCK COUNTY FARM SUPPLY BOX 95 HAWESVILLE KY 42348	HUTSON AG SERVICE BOX 8 SEDALIA KY 42079
GREEN CHARGER FERT. CORP. P.O. BOX 26234 RICHMOND VA 23260	HARDINSBURG FARM SUPPLY RT#1, BOX 138 HARNED KY 40144	HYDRO AGRI N AMERICA 100 N TAMPA ST #3200 TAMPA FL 33602
GREEN TYME (LOSE BROS) LOUISVILLE KY	HARDWARE WHOLESale PO BOX 868 FT WAYNE IN 46801	HYPONEX CORP. 14111 SCOTTSLOWN RD MARYSVILLE OH 43041
GREEN AID PRODUCTS PO BOX 1701 LAPORTE IN 46350	HARMONY PRODUCTS 2005 OLD GRIENBRIER CHESAPEAKE VA 23320	IMC FERTILIZER #1 COMMERCIAL DR FLORENCE AL 35631
GREEN & HAGSTROM PO BOX 658 FAIRVIEW TN 37062	HELENA CHEMICAL COMPANY CORPORATE OFFICE MEMPHIS TN 38119	IMC KALIUM 2345 WAUKEGAN RD BANNOCKBURN IL 60015
GREENLEAF PLANT FOOD INC PO BOX 113 DANVILLE KY 40423	HELM FERTILIZER 10002 PRINCESS PALM TAMPA FL 33619	IMC KALIUM PO BOX 7500 SASKETCHEWAN CA S4P 4
GREENLIFE PRODUCTS PO BOX 1712 WEST POINT VA 23181	HELM FERTILIZER 9950 PRINCESS PALM A TAMPA FL 33619	IMC VIGORO PO BOX 512 WINTER HAVEN FL 33882
GREEN LIGHT CO PO BOX 17985 SAN ANTONIO TX 78217	HENRI STUDIO 1250 HENRI DRIVE WAUCONDA IL 60084	INTERNATIONAL PLANT FOODS 35715 HWY 40, STE D1 EVERGREEN CO 80439
GREENLON, INC. 1920 LOSANTIVILLE AV CINCINNATI OH 45237	HENRY FARMERS COOP. 1211 W. WOOD PARIS TN 38242	IRONITE PRODUCTS COMPANY PO BOX 218 HUMBOLDT AZ 86329
GREEN RIVER FEED MILL PO BOX 410 MORGANTOWN KY 42261	HENRY FIELD SEED & NURSERY 415 N BURNETT SHENANDOAH IA 51601	IRONITE PRODUCTS COMPANY 8700 VIA DE VENTURA SCOTTSDALE AZ 85258
GRIFFIN CORPORATION PO BOX 1847 VALDOSTA GA 31603	FRANK HINTON & SON PO BOX 10 PLUMMERS LAND KY 41081	JANES FERT. & FARM SUPPLY 4540 EDMONTON ROAD COLUMBIA KY 42728
GRIFFIN INDUSTRIES INC 4221 ALEXANDRIA PIKE COLD SPRING KY 41076	HOFFMAN A H INC PO BOX 290 LANCASTER NY 14086	J B RUCK & ASSOCIATES 599 HANSELL RD WYNNWOOD PA 19096
GRIFFIN INDUSTRIES INC PO BOX 402 HENDERSON KY 42420	HOLLINGSWORTH FERT. 8021 GLASGOW RD MT. HERMON KY 42157	JC PRINZO CONSULTING 6678 SPRINGDALE DR MIDDLEBURG HE OH 44130
GRO GREEN PLANT FOOD INC PO BOX 118 SHELBYVILLE KY 40065	HOWARD JOHNSONS ENT INC 700 W VIRGINIA ST MILWAUKEE WI 53204	J R PETERS 6656 GRANT WAY ALLENTOWN PA 18106
GRO TEC INC P.O. BOX 290 MADISON GA 30650	HUTSON AG SERVICE RAILROAD AVE HARDIN KY 42048	JUNGLE LABORATORIES BOX 630 CIBOLO TX 78108
GROWERS CHEMICAL CORP. LOCKWOOD RD. MILAN OH 44846	HUTSON AG SERVICE ROUTE 1 FANCY FARM KY 42039	KEES FARM SERVICE, INC. PO BOX 901 GRAYSON KY 41143

TABLE 3. (Continued)

KELLY PRODUCTS INC PO BOX 1508 COVINGTON GA 30210	LYONCO FARM SUPPLY INC PO BOX 571 TOMPKINSVILLE KY 42167	MFA INCORPORATED 201 RAY YOUNG DRIVE COLUMBIA MO 65201
KENTUCKY FERTILIZER WORKS 303 HILL ST WINCHESTER KY 40391	MACON-TROUSDALE FARMERS COOP. 905 SCOTTSVILLE RD. LAFAYETTE TN 37083	MICHIGAN PEAT PO BOX 980129 HOUSTON TX 77098
K-MART CORP. 3100 W BIG BEAVER RD TROY MI 48084	MAGIC GREEN CORP 4598 HWY H SILEX MO 63377	MILES FARM CENTER PO BOX 10 EKRON KY 40117
KNOX FERTILIZER CO., INC. W. CULVER ROAD KNOX IN 46534	MARKMAN PEAT CORPORATION PO BOX 3304 DAVENPORT IA 52808	MILES FARM CENTER PO BOX 110 POOLE KY 42444
KOOS, INC. 4500 13TH COURT KENOSHA WI 53140	MARLOW BILL 10743 BROWER RD NORTH BEND OH 35052	MILES FARM CENTER P.O. BOX 229 SACRAMENTO KY 42372
L & L PLANT FOOD NO. 1 MAIN CARTHAGE MO 64836	MARSHALL CTY SOIL IMP. ASSOC. PO BOX 230 BENTON KY 42025	MILES FARM CENTER P.O. BOX 488 SHELBYVILLE KY 40065
LANGE STEGMAN CO ONE ANGELICA ST ST LOUIS MO 63147	MARSHALL COUNTY SOIL IMP. PO BOX 38 SMITHLAND KY 42081	MILES FARM CENTER P.O. BOX 38 SLAUGHTERS KY 42456
LAROCHE INDUSTRIES, INC. 1100 JOHNSON FERRY R ATLANTA GA 30342	MARTIN MARIETTA MAGNESIA SPEC 1800 EAST LAKE ROAD MANISTEE MI 49660	MILES FARM SUPPLY P. O. BOX 310 CYNTHIANA KY 41031
LAWN CURE OF CENTRAL IN 890 N NATIONAL RD COLUMBUS IN 47202	MARTIN MARIETTA MAGNESIA ATTN: ACCOUNTING DEP RALEIGH NC 27622	MILES FARM SUPPLY P.O. BOX 493 LEBANON KY 40033
LAWN CURE OF SOUTHERN IN 1611 SPRING ST. JEFFERSONVILL IN 47130	MARTIN RESOURCES PO DRAWER 191 KILGORE TX 75662	MILES FARM SUPPLY RT. 2 LEITCHFIELD KY 42754
LAWNLORDS INC 28 MILLER RD WHEELERSBURG OH 45694	MATHIS FARM SUPPLY 5799 SHAW ROAD MELBER KY 42069	MILES FARM SUPPLY PO BOX 22879 OWENSBORO KY 42304
LEBANON CHEM - GREENVIEW DIV. P.O. BOX 180 LEBANON PA 17042	MAUGET, J.J. CO., INC. 5435 PECK RD ARCADIA CA 91006	MILES FARM SUPPLY P.O. BOX 108 UPTON KY 42784
LEBANON CHEMICAL CO. P. O. BOX 180 LEBANON PA 17042	MAYFIELD GRAIN CO P.O. BOX 950 MAYFIELD KY 42066	MILLBURN PEAT CO INC P. O. BOX 236 LAPORTE IN 46352
LEBANON SEABOARD PO BOX 180 LEBANON PA 17046	MAYS LICK MILL 6538 US 68 MAYS LICK KY 41055	MILLER CHEMICAL & FERT. CORP. RADIO ROAD HANOVER PA 17331
LESCO INC 20005 LAKE RD ROCKY RIVER OH 44116	MCGILL FARM SUPPLY 364 MCGILL ROAD CLAY KY 42404	MILLER'S LAWN CARE 755 BUZZARD ROAST RD SHELBYVILLE KY 40065
LESCO, INC. PO BOX 16915 ROCKY RIVER OH 44116	MCWHORTER BROS. FARM SER., INC 206 WASHINGTON ST. ALBANY KY 42602	MILLERSBURG FERTILIZER CO. P.O. BOX 284 MILLERSBURG KY 40348
LOFTS SEED INC 1399 ASHLEYBROOK LAN WINSTON SALEM NC 27103	MEACHAM NITROGEN SERV. 3072 US HWY 60 WEST MORGANFIELD KY 42437	MILORGANITE DIVISION MMSD PO BOX 3049 MILWAUKEE WI 53201
LONCALA INC 125 NW 1ST AVE HIGH SPRINGS FL 32655	METCALFE CO FARMERS SUPP P.O. BOX 178 EDMONTON KY 42129	MINERAL SOLUTIONS C/O DARRYL KNEPPER ROCKPORT IN 47635

TABLE 3. (Continued)

MINERAL PROCESSING 1855 CH 99 CAREY OH 43316	NOVARTIS CROP PRODUCTION PO BOX 18300 GREENSBORO NC 27419	PICC 201 E 42ND ST NEW YORK NY 10017
MIRACLE GRO LAWN PRODUCTS 800 PORT WASHINGTON PORT WASHINGT NY 11050	NU GRO TECHNOLOGIES INC 2680 HORIZON DR GRAND RAPIDS MI 49546	PIONEER SOUTHERN PO BOX 266 LANCASTER NY 14086
MISSISSIPPI CHEMICAL CO LP PO BOX 1545 YAZOO CITY MS 39194	NUTRA-FLO CO. 1919 GRAND AVE SIOUX CITY IA 51107	PIONEER SOUTHERN, INC. P.O. BOX 706 SUFFOLK VA 23439
MISSISSIPPI PHOSPHATES PO BOX 986 YAZOO CITY MS 39194	OCEAN CREST SEAFOODS INC 88 COMMERCIAL ST GLOUCESTER MA 01930	PLANT MARVEL LABORATORIES 371 EAST 16TH ST. CHICAGO HEIGH IL 60411
MISSISSIPPI POTASH PO BOX 1914 YAZOO CITY MS 39194	OLDFIELD, J.A. & SON 110 N. MILL ST. MIZE KY 41352	PLANTABBS PRODUCTS PO0BOX 165 HUNT VALLEY MD 21030
MOBIL MINING & MINERALS P.O. BOX 3440 PASADENA TX 77501	OPTIFLORA INC. PO BOX 78565 NASHVILLE TN 37207	PLANTEX 314 ORENDA RD BRAMPTON CN L6T 1
MONTANA SULFUR & CHEM. CO. P.O. BOX 31118 BILLINGS MT 59107	PBI/GORDON CORPORATION 1217 W. 12TH ST. KANSAS CITY MO 64101	PLANT-WISE BIOSTIMULANT SUB OF CAUDILL SEED LOUISVILLE KY 40206
MONTYS PLANT FOOD 8608 PERRY ROAD LOUISVILLE KY 40222	PAKMIX INC PO BOX 1607 SIKESTON MO 63801	PLATTE CHEMICAL COMPANY 150 SOUTH MAIN STREE FREMONT NE 68025
MONTYS PLANT FOOD ATTN JOHN PETREY LOUISVILLE KY 40222	FARRISH SHOP & SALES 8834 LARUE ROAD HENDERSON KY 42420	PLATTE CHEMICAL COMPANY P.O. BOX 667 GREELEY CO 80632
MORRAL COMPANIES 132 POSTLE ST MORRAL OH 43337	PAYGRO DIV OF GARICK 11000 HUNTINGTON RD S. CHARLESTON OH 45368	PLEASANT VIEW FARMS AGRI SERV. P.O. BOX 23 SOUTH UNION KY 42283
NA-CHURS PLANT FOOD COMPANY 421 LEADER STREET MARION OH 43302	PBI GORDON PO BOX 14090 KANSAS CITY KS 64101	C D POORE FERTILIZER 708 BURKESVILLE RD ALBANY KY 42602
NAD PROCESSING 410 SOUTH MAIN ST SEARCY AR 72143	PCS SALES (USA) INC 5750 OLD ORCHARD RD SLCOLCIE IL 60077	PQ0CORPORATION PO BOX 840 VALLEY FORGE PA 19482
NATIONAL EARTH PRODUCTS PO BOX 391 MARENGO IN 47140	PCS NITROGEN FERTILIZER 3175 LENOX BLVD SUIT MEMPHIS TN 38115	PRICES MILL FARM 3608 NEOSHEO PRICES FRANKLIN KY 42134
NEA ENTERPRISES PO BOX 706 JACKSON OH 45640	PECOS AGRICULTURAL CORP PO BOX 1712 TX 79	PRO-SOL P.O. BOX 1589 OZARK AL 36361
NECESSARY ORGANICS PO BOX 305 NEW CASTLE VA 24127	PENNINGTON SEED INC PO BOX 290 MADISON GA 30650	PURSELL INDUSTRIES PO BOX 540 SYLACAUGA AL 35150
NEW EEZY GRO INC PO BOX 520 UPPER SANDUSK OH 43351	PENNYRILE AG OIL, INC. 2260 PRINCETON RD. HOPKINSVILLE KY 42240	RAINTREE SVCS OF W KY DBA CHEMLAWN BOWLING GREEN KY 42101
NORTHERN STAR MINERALS IN 2910 GRANT LINE RD. NEW ALBANY IN 47150	PETERS FERT PROD W R GRACE CO 570 GRANT WAY FOGELSVILLE PA 18051	RAINTREE SVCS OF W KY BBA CHEMLAWN PADUCAH KY 42001
NORTRACE LTD PO BOX 1286 GREELEY CO 80632	PHELPS DODGE REFINING CORP PO BOX 20001 EL PASO TX 79998	REGISTRATIONS BY DESIGN ATTN REBECCA HORTON SALEM VA 24153

TABLE 3. (Continued)

RESEARCH SEEDS URBANA LAB 310 SOUTH 3RD ST. ST. JOSEPH MO 64502	ROYSTER CLARK 5081 HWY 431 N SPRINGFIELD TN 37172	SIERRA CHEMICAL CO 1001 YOSEMITE DR. MILPITAS CA 95035
RICH POND CROP SERVICE 1753 RICHPOND RD BOWLING GREEN KY 42101	ROYSTER CLARK BOX 128 UTICA KY 42376	SIMS AG PRODUCTS 3795 CR 29 MT GILEAD OH 43338
RINGER CORP. 9959 VALLEY VIEW ROA MINNEAPOLIS MN 55344	ROYSTER CLARK 717 ROBINSON ROAD WASHINGTON CH OH 43160	SMITH-DOUGLASS OF KY P.O. BOX 8 RUSSELLVILLE KY 42276
RINGER CORPORATION ATTN DAVID ANDERSON BLOOMINGTON MN 55431	ROYSTER CLARK PO BOX 4429 WINSTON-SALEM NC 27115	SMITH INDUSTRIES 4200 DR BRAMBLETT RD CUMMING GA 30130
RIPS FARM CENTER PO BOX 176 TOLLESBORO KY 41189	RUDOLPH FARM SUPPLY 521 EAST MAIN STREET SALEM KY 42078	THE SOLARIS GROUP PO BOX 5006 SAN RAMON CA 94583
RIVER AG. OF ILLNOIS, INC. BOX 629 METROPOLIS IL 62960	SANDIDGE'S STORE P.O. BOX 95 EUBANK KY 42567	SOUTHDOWN INC PO BOX 610 CASTLEWOOD VA 24224
RIVERSIDE/TERRA CORP. TERRA CENTRE, 600 4T SIOUX CITY IA 51101	SAS GROUP INC 200 WHITE PLAINS RD TARRYTOWN NY 10591	SOUTHERN IMPORTERS, INC. P.O. BOX 8579 GREENSBORO NC 27419
ROSE ACRE FARMS PO BOX 1250 SEYMOUR IN 47274	SCHOCHOH CROP SERVICE 5240 HALL STORE RD RUSSELLVILLE KY 42276	SPECTRUM GROUP DIV OF UNITED INDUST ST LOUIS MO 63114
ROYSTER CLARK INC #2 THE KOGER CENTER NORFOLK VA 23502	SCHULTZ COMPANY 13260 CORPORATE EXCH BRIDGETON MO 63044	SPEEDLING INCORPORATED PO BOX 307 BUSHNELL FL 33513
ROYSTER CLARK INC PO BOX 250 TARBORO NC 27886	SCOTT FARMERS COOP PO BOX 4816 ONEIDA TN 37841	SPEEDLING PO BOX 7220 SUN CITY FL 33586
ROYSTER CLARK 3902 SCHOCHOH RD ADAIRVILLE KY 42202	THE SCOTTS COMPANY 14111 SCOTTS LAWN RO MARYSVILLE OH 43041	SPRING VALLEY DIV OF VOGEL SEED & JACKSON WI 53037
ROYSTER CLARK BOX 38 CEDAR HILL TN 37032	SCOTTS MIRACLE GRO PRODUCTS 800 PORT WASHINGTON PORT WASHINGT NY 11050	SQM NORTHAMERICA 3101 TOWERCREEK PKWY ATLANTA GA 30339
ROYSTER CLARK 249 NEEDMORE RD. CLARKSVILLE TN 37040	SCOTTS SIERRA HORT PROD CO 14111 SCOTTS LAWN RD MARYSVILLE OH 43041	S.S. BARDSTOWN 403 CATHEDRAL MANOR BARDSTOWN KY 40004
ROYSTER CLARK CO 902 DEMPSEY ROAD MADISON WI 53714	SEARS ROEBUCK COMPANY 3333 BEVERLY RD HOFFMAN ESTAT IL 60179	S.S. KY SVC TRIMBLE BR 29 NEW HOPE ROAD BEDFORD KY 40006
ROYSTER CLARK 6 EXECUTIVE DR COLLINSVILLE IL 62234	SECURITY PRODUCTS 7801 METRO PKWY MINNEAPOLIS MN 55459	SS RICHMOND BERE A BRANCH PO BOX 150 BEREA KY 40403
ROYSTER CLARK PO BOX 158 FLORENCE AL 35631	SECURITY PRODUCTS 301 WEST OSBORNE PHOENIX AZ 85013	S.S. BOWLING GREEN 640 PLUM SPRGS BOWLING GREEN KY 42101
ROYSTER CLARK BOX 401 FRANKLIN KY 42134	SETRE CHEMICAL CO 6075 POPULAR AVENUE MEMPHIS TN 38119	SS COOP BRANDENBURG SERVICE 688 E BROADWAY BRANDENBURG KY 40108
ROYSTER CLARK P.O. BOX 395 GUTHRIE KY 42234	SHELLEY, W.H. GEN MERCHANDISE ROUTE #2, BOX 105 HILLSBORO KY 41049	S.S. COOP INC 280 BONHAM BRISTOL VA 24201

TABLE 3. (Continued)

S.S. CADIZ BRANCH 2829 HOPKINSVILLE RD CADIZ KY 42211	S.S. GREEN CO SVC 901 COLUMBIA HIGHWAY GREENSBURG KY 42743	S.S. MADISONVILLE 1001 PRIDE AVE MADISONVILLE KY 42431
SS COOP CALHOUN SERVICE 1432 KY 136E CALHOUN KY 42327	S.S. GREENVILLE 212 W. DEPOT STREET GREENVILLE KY 42345	S.S. MAYSVILLE 733 US 68 SOUTH MAYSVILLE KY 41056
S.S. CAMPBELLSBURG BR 7432 CARROLLTON RD CAMPBELLSBURG KY 40011	SS HARDIN COOP HODGENVILLE BR 310 WEST WATER STREE HODGENVILLE KY 42748	S S MORGANFIELD 304 N TOWNSEND ST MORGANFIELD KY 42437
S.S. CAMPBELLSVILLE BRANCH 1720 E BROADWAY CAMPBELLSVILLE KY 42718	S.S. BRECK ROUTE 4 BOX 122 HARDINSBURG KY 40143	S.S. MURRAY P.O. BOX 750 MURRAY KY 42071
S.S. OWINGSVL CARLISLE SERVICE EAST MAIN CARLISLE KY 40311	S.S. CNTRL KY SVC HARRDSBRG 1027 N COLLEGE HARRODSBURG KY 40330	S.S. NICHOLASVILLE SVC THIRD & DEPOT ST. NICHOLASVILLE KY 40356
S.S. CLAY SERVICE 205 E. RAILROAD ST. CLAY KY 42404	S.S. HENDERSON 146 MCKINLEY ST HENDERSON KY 42420	SS OWENSBORO 800 CRABTREE AVE OWENSBORO KY 42301
S.S. GRN RVR SVC ADAIR CO BR 210 MERCHANT ST COLUMBIA KY 42728	S.S. HOPKINSVILLE 501 EAST 13TH ST HOPKINSVILLE KY 42240	S.S. OWENTON 355 N MAIN ST OWENTON KY 40359
S.S. CYNTHIANA P.O. BOX 337 CYNTHIANA KY 41031	S.S. HORSE CAVE P.O. BOX 339 HORSE CAVE KY 42749	S.S. OWINGSVILLE SVC PO BOX 557 OWINGSVILLE KY 40360
S.S. BOYLE BRANCH 1244 LEBANON ROAD DANVILLE KY 40422	SS COOP BRANDENBURG SVC IRV RT 2 BOX 15 IRVINGTON KY 40146	S.S. PADUCAH SVC 514 SOUTH 3RD ST PADUCAH KY 42001
S.S. HARDIN 402 S MULBERRY ST ELIZABETHTOWN KY 42701	SS COOP ISLAND SERVICE 101 W BROADWAY ISLAND KY 42350	S.S. LEXINGTON PARIS BR 1488 S MAIN ST PARIS KY 40361
S.S. TODD SVC P. O. BOX 278 ELKTON KY 42220	S.S. KY SVC LAGRANGE BR 112 SOUTH FIRST ST LAGRANGE KY 40031	S.S. COOP. INC-FERT. DIV. BOX 26234 RICHMOND VA 23260
SSCINC-KENTUCKIANA SV HENRY BRANCH EMINENCE KY 40019	S.S. LANCASTER SVC 436 RICHMOND ROAD LANCASTER KY 40444	S.S. RICHMOND SERVICE BOX 916 RICHMOND KY 40475
S.S. CYN PENDLETON BRANCH PO BOX 231 FALMOUTH KY 41040	S.S. ANDRSN FRNKLN LWRNCEBRG B 1241 GLENSBORO RD LAWRENCEBURG KY 40342	SSC INC CROPS FARM & HOME P.O. BOX 26234 RICHMOND VA 23260
S.S. FLEMINGSBURG PO BOX 167 FLEMINGSBURG KY 41041	S.S. LEBANON SVC 215 DEPOT STREET LEBANON KY 40033	SS ADAIR RUSSELL SPRINGS PO BOX 280 RUSSELL SPRIN KY 42642
S.S. ANDRSN-FRANKLN SVC 1211 WILKINSON BLVD FRANKFORT KY 40601	S.S. LEITCHFIELD 118 W. WHITE OAK ST. LEITCHFIELD KY 42754	S.S. COOP, INC P.O. BOX 600 RUSSELLVILLE KY 42276
S.S. SIMPSON PO BOX 528 FRANKLIN KY 42134	S.S. LEXINGTON 949 PINE ST. LEXINGTON KY 40508	S.S. RUSSELLVILLE 209 N BETHEL ST RUSSELLVILLE KY 42276
S.S. GEORGETOWN 1141 PARIS ROAD GEORGETOWN KY 40324	S.S. LIBERTY SVC 225 S WALLACE WILKIN LIBERTY KY 42539	SS COOP MADISONVILLE SEBREE BR 1112 HWY 41-N SEBREE KY 42455
S.S. GLASGOW 300 SAMSON ST. GLASGOW KY 42141	S.S. LONDON P.O. BOX 604 LONDON KY 40741	S.S. SHELBYVILLE 623 SOUTH 7TH STREET SHELBYVILLE KY 40065

TABLE 3. (Continued)

S.S. FULTON SVC 201 CENTRAL AVE SO. FULTON TN 38257	SUSTANE CORP 310 HOLIDAY AVE CANNON FALLS OH 55009	TRAYLOR CHEM. & SUP. CO. P.O. BOX 249 ROYAL CENTER IN 46978
S.S. SOMERSET 941 N HWY 27 SOMERSET KY 42503	SYBRON BIOCHEMICAL 111 KESLER MILL RD SALEM VA 24153	TRI COUNTY FERTILIZER PO BOX 147 HONEA PATH SC 29654
S.S. LEBANON SPRINGFIELD SVC 1752 BARDSTOWN RD SPRINGFIELD KY 40069	G M TAYLOR SEED COMPANY PO BOX 1303 GEORGETOWN KY 40324	TRI-COUNTY FERTILIZER CO. INC 124 SOUTH ESTILL AVE RICHMOND KY 40475
S.S. STANFORD SERVICE 925 CRAB ORCHARD RD STANFORD KY 40484	TENNESSEE CHEMICAL CO. COPPERHILL TN 37317	TRIMBLE CO. FARM SUPPLY 11300 HWY 421 N MILTON KY 40045
S.S. GALLATIN CO SVC BOX 408 WARSAW KY 41095	TENNESSEE FARMERS COOPERATIVE 200 WALDRON ROAD LAVERGNE TN 37086	TRI STATE BIO SYSTEMS 3566 WEST SR 62 BOONVILLE IN 47601
S.S. WINCHESTER P.O. BOX 516 WINCHESTER KY 40391	TERRA RENEWAL SERVICES 611 UNION ST DARDANELLE AR 72834	TRI STATE DELTA PO BOX 382550 MEMPHIS TN 38138
S.S. CLARK 21 PENDLETON ST WINCHESTER KY 40391	TERRA INTERNATIONAL PO BOX 459 HARDINSBURG KY 40143	TRU GREEN CHEM LAWN 860 RIDGE LAKE BLVD MEMPHIS TN 38120
STANLEY CROP SERVICE P.O. BOX 37 STANLEY KY 42375	TERRA NITROGEN CORPORATION 5100 E SKELLEY DR TULSA OK 74135	TRUGREEN L P 1400 N CULLEN AVE EVANSVILLE IN 47715
STATESMAN LAWN & GARDEN PROD 6606 WEST BROAD ST. RICHMOND, VA 23260	TERRA ATTN JOANN SORENSON SIOUX CITY IA 51102	TRUGREEN L P 7980 KENTUCKY DR FLORENCE KY 41022
STERN'S MIRACLE-GRO PRODUCTS 800 PT. WASHINGTON B PORT WASHINGT NY 11050	TESSENDERLO KERLEY 2255 N 44TH ST PHOENIX AZ 85008	TRUGREEN L P PO BOX 13340 LEXINGTON KY 40583
STOLLER ENTERPRISES 8580 KATY FRWY STE 2 HOUSTON TX 77024	TETRA SALES USA 3001 COMMERCE ST BLACKSBURG VA 24060	TRUGREEN L P 13135 MIDDLETOWN IND LOUISVILLE KY 40223
SUDBURY CONSUMER PRODUCTS 301 W OSBORN PHOENIX AZ 85013	TEWKSBURY GARDENS 77 BISSELL RD LEBANON NJ 08833	TRUGREEN L P PO BOX 396 SCOTT DEPOT WV 25560
SUN BULB CO INC PO DRAWER 698 ARCADIA FL 34265	THE DOGGETT CORP 30 CHERRY ST LEBANON NJ 08833	TRUSERV CORPORATION 8600 W BRYN MAWR AVE CHICAGO IL 60631
SUNCOAST/AGRI-PRODUCTS RT#1, BOX 8A GREENVILLE FL 32331	THE KROGER CO 1014 VINE ST CINCINNATI OH 45202	TSM SERVICES INC PO BOX 860 CATLIN IL 61817
SUNWRAY LIQUID FERT., INC. 2559 STATE RT 94W WINGO KY 42088	TIGER SUNBELT PO BOX 5 ATMORE AL 36504	TURFCARE 150 SUMMIT TRAIL PADUCAH KY 42001
SUPERGRO OF VIRGINIA P.O. BOX 67 EWING VA 24248	THE TORO COMPANY 8111 LYNDALE AVE SO MINNEAPOLIS MN 55420	TWO RIVERS AG SUPPLY 7158 ST RT 70E DRAKESBORO KY 42337
SUPERGRO OF EWING INC PO BOX 67 EWING VA 24248	TRACE CHEM., INC. 839 BRENKMAN DR. PEKIN IL 61554	UNCO INDUSTRIES INC 7802 OLD SPRING RACINE WI 53406
SURETRACK MELT PO BOX 184 TALMAGE PA 17580	TRAYLOR CHEMICAL & SUPPLY CO. 1911 TRAYLOR BLVD. ORLANDO FL 32854	UNION FERTILIZER PO BOX 87 MORGANFIELD KY 42437

TABLE 3. (Continued)

UNITED HORTICULTURAL SUPPLY 701 KANDERLY DR COLUMBUS OH 43228	WARNER FERTILIZER CO. PO BOX 39 SMITH GROVE KY 42171
UNITED HORTICULTURAL SUPPLY 510 MARKWITH GREENVILLE OH 45331	WARNER FERTILIZER CO. P.O. BOX 796 SOMERSET KY 42502
UNIVERSAL COOPERATIVES, INC PO BOX 460 MINNEAPOLIS MN 55440	WARNER FERTILIZER CO. BOX 441 STANFORD KY 40484
U S BORAX INC 26877 TOURNEY RD VALENCIA CA 91355	WARNER FERTILIZER CO. ARMORY ROAD TOMPKINSVILLE KY 42167
VALLEY FARM CENTER, INC. 1314 N MAIN ST MONTICELLO KY 42633	WARNER FERTILIZER CO. PO BOX 117 MONTICELLO KY 42633
VALLEY FERTILIZER SERVICE P.O. BOX 180 EDMONTON KY 42129	WATCH-US-GROW OF KENTUCKY 110 FLAT ROCK ROAD LOUISVILLE KY 40245
VAUGHN SEED CO INC MASTERBLEND FERT CO CHICAGO IL 60629	WATERWAY AG, INC. BOX 629 METROPOLIS IL 62960
VERDANT BRANDS INC 9555 JAMES AVE S BLOOMINGTON MN 55431	WATKINS FARM SUPPLY 3621 WALTON ROAD ROBARDS KY 42452
VICKSBURG CHEMICAL COMPANY PO BOX 821003 VICKSBURG MS 39182	WEATHERLY CONSUMER PRODUCTS PO BOX 21025 WACO TX 76702
VOLUNTARY PURCHASING GROUP BOX 460 BONHAM TX 75418	WESTERN KY POULTRY & SUPPLY PO BOX 678 HENDERSON KY 42419
W ATLEE BURPEE CO 300 PARK AVE WARMINSTER PA 18974	WHEELABRATOR TECH 8201 EASTERN BLVD BALTIMORE MD 21224
WARNER FERTILIZER CO. RT #4 ALBANY KY 42602	WHEELABRATOR WATER TECH 2101 S HAMILTON RD COLUMBUS OH 43232
WARNER FERTILIZER CO. BOX 87 CAMPBELLSVILL KY 42718	WILSON LAB 5300 HARVESTOR RD BURLINGTON ON CA L7L 5
WARNER FERTILIZER CO. P.O. BOX 274 COLUMBIA KY 42728	WILSON LAB 36 HEAD ST DUNDA ONTARIO CA L9H 3
WARNER FERTILIZER CO. P.O. BOX 188 E. BERNSTADT KY 40729	DORMAN WILSON & SON, INC. 4919 S HWY 837 NANCY KY 42544
WARNER FERTILIZER CO PO BOX 1100 LIBERTY KY 42539	WOODFORD FEED CO. PO BOX 116 VERSAILLES KY 40383
WARNER FERTILIZER CO. P.O. BOX 108 NANCY KY 42544	THE YARDEN CARE COMPANY PO BOX 6047 WIXOM MI 48393
WARNER FERTILIZER CO. P.O. BOX 30 RUSSELL SPRGS KY 42642	ZEOPONIX 686 S TAYLOR AVE STE LOUISVILLE CO 80027